



Industry Presentations

Program subject to change until 12/16/2019.



105TH Scientific Assembly and Annual Meeting
December 1-6 | McCormick Place, Chicago





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VW123

Experience Contrast Enhanced Mammography with SenoBright HD: Presented by GE Healthcare

Sunday, Dec. 1 10:00AM - 5:00PM Room: South Building, Booth 5140

Program Information

Join us for an immersive journey with Contrast Enhanced Mammography and learn how this imaging tool can enhance your practice and where the future lies. Tours are every 15 minutes. **Seats are limited to 10 people per experience session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW127

MyWaitingRoom: Presented by GE Healthcare

Sunday, Dec. 1 10:00AM - 5:00PM Room: South Building, Booth 5140

Participants

Cecilia Olsson, Wauwatosa, WI (*Presenter*) Nothing to Disclose

Program Information

Share a moment with a patient advocate in MyWaitingRoom. Sense and experience the importance of the waiting room and equip yourself with new ideas to personalize this space, and arm patients with education, comfort and an ideal experience during their breast care journey. *Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW01

AI-based Mammography Reading: Self-guided Reading Session: Presented by Siemens Healthineers

Sunday, Dec. 1 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

You will learn about the benefits of the AI-based Transpara™* decision-support tool from ScreenPoint Medical. It has been integrated with the advanced visualization software syngo. Breast Care* to support 2D and 3D mammography reading. Together, they provide interactive decision support with an overall exam score to help prioritize reading. * syngo.Breast Care VB40 and Transpara™ for 3D are currently under development; they are not for sale in the U.S. Their future availability cannot be guaranteed. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW05

**50° Wide-angle Tomosynthesis and Contrast-enhanced Mammography Self-guided Reading Sessions:
Presented by Siemens Healthineers**

Sunday, Dec. 1 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

You are invited to our self-guided reading sessions. With syngo. Breast Care workstations configured especially to allow you to work at your own place at a time that suits you! A series of breast tomosynthesis and contrast enhanced mammography cases presented as challenging cases with a solution enables you to develop and test your reading skills. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW12

Automated Breast Volume Scanner (ABVS) Physician-led Training Workshop: An Interactive Learning Experience for All Users: Presented by Siemens Healthineers

Sunday, Dec. 1 10:15AM - 11:25AM Room: North Building, Booth 8563

Participants

Terri A. Gizienski, MD, Greenwood Village, CO (*Presenter*) Nothing to Disclose

Program Information

Under the guidance of a breast imaging expert you will develop your skills in the interpretation of 3D breast ultrasound acquired with the ACUSON S2000™ Automated Breast Volume Scanner (ABVS). The studies are displayed on workstations equipped with syngo®. Ultrasound Breast Analysis (sUSBA) software. Active participation in real clinical cases will enable you to become familiar with the unique coronal plane while providing practical approaches to the interpretation of 3D automated breast ultrasound. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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AI11

AI Theater: How to Enhance your Chest CT Interpretation with AI-powered QCT: Presented by VIDA

Sunday, Dec. 1 10:30AM - 10:50AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

John D. Newell, MD, Port Townsend, WA (*Presenter*) Research Consultant, Siemens AG; Research Grant, Siemens AG; Consultant, VIDA Diagnostics, Inc; Stock options, VIDA Diagnostics, Inc; ; ;

Program Information

In this high-impact presentation, attendees will learn how to leverage AI-powered quantitative CT analysis to increase both the efficiency and value of chest CT interpretations. Led by a leading radiologist, attendees will see examples of AI in action and the positive impact it can have on chest care teams.

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IN01

Innovation Theater Presentations

Sunday, Dec. 1 10:30AM - 12:00PM Room: South Hall, Level 3, Booth 4700

Program Information

Every day the Innovation Theater will host 20-minute presentations featuring the latest product launches and exciting news from industry leaders. Click on each presentation title to see the exact time it starts. You can see all presentation titles, dates and times in this program or by visiting the Theater in the South Exhibit Hall, Level 3. Morning presentations begin at 10:30 AM and end at 12 PM Noon. Afternoon presentations are held from 2:00 to 4:00 PM.

Sub-Events

IN01A [Imaging with a Vision: Providing the Fuller Picture With 2D/3D Imaging Solutions: Presented by EOS Imaging](#)

Sunday, Dec. 1 10:30AM - 10:50AM Room: South Hall, Level 3, Booth 4700

IN01B [Scenaria View: The next level in Community Hospital CT: Presented by Hitachi Healthcare](#)

Sunday, Dec. 1 11:00AM - 11:20AM Room: South Hall, Level 3, Booth 4700

IN01C [Myelin Detection and Quantitative Data in Clinical Routine: Presented by SyntheticMR](#)

Sunday, Dec. 1 11:30AM - 11:50AM Room: South Hall, Level 3, Booth 4700

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VW34

AI Deep Learning Radiology Assist in Reviewing ABUS Cases: Presented by GE Healthcare

Sunday, Dec. 1 10:30AM - 11:00AM Room: South Building, Booth 5135

Participants

Kiyoshi Namba, MD, Obihiro, Japan (*Presenter*) Medical Advisor, QView Medical, Inc Medical Advisor, Volpara Health Technologies Limited Educator, General Electric Company

Program Information

This session will provide an introduction to CAD, AI deep-learning software system to assist radiologists in ABUS case review. Topics covered will include: AI efforts in radiologist assist through CAD technology, a review of published literature on CAD performance, how reading times can be improved, QVCAD diagnostic performance, and a demonstration of CAD operating on ABUS cases. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW79

DBT: Why Another Technology to Detect the Same Disease?: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Sunday, Dec. 1 10:45AM - 11:45AM Room: South Building, Booth 5147

Participants

Shilpa V. Lad, MD, Ottawa, ON (*Presenter*) Faculty, C. R. Bard, Inc; Faculty, FUJIFILM Holdings Corporation

Program Information

Through a hands-on review of 2D as well as 3D Tomosynthesis images in screening and diagnostic cases, this workshop will highlight the signs of benign as well as malignant breast lesions seen on 3D Tomosynthesis where 2D mammograms were equivocal or negative. This workshop will also demonstrate synthetic 2D images have the potential to replace 2D mammograms for dose reduction, and introduce cases using Contrast Enhanced Mammography to highlight the importance of cost-effective functional imaging as a problem solving tool.

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AI12

AI Theater: Japan's Startup Unlocking the Power of AI: Presented by LPIXEL, Inc.

Sunday, Dec. 1 11:00AM - 11:20AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Mariko Takahashi, DDS, Tokyo, Japan (*Presenter*) Nothing to Disclose

Program Information

LPIXEL is a University of Tokyo spin-off that hones its expertise in AI and medical imaging analytics. As the leading medical AI startup in Japan, LPIXEL has made significant progress in delivering its AI-driven medical image diagnostic technology, 'EIRL,' to hospitals and medical institutions across Japan and overseas. This session will touch on LPIXEL's key highlights of this year, which will include the most up to date information of its AI-powered diagnostic algorithms which focus on brain MRA/MRI, chest X-ray and CT, breast mammography, colonoscopy and more. Other highlights include participating in the Japan Medical Image Database (JMID) project for the development and implementation of the AI annotation tool, and receiving marketing certification in Japan for its diagnostic algorithms which target brain MR images. Join LPIXEL for even more, and how AI in medical imaging is leading the new generation of healthcare. For a personal demonstration of our algorithm, please visit our booth #11703.

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VW63

Efficacy in Diagnosis with Tomosynthesis in Daily Practice (En Español): Presented by Hologic, Inc.

Sunday, Dec. 1 11:00AM - 11:45AM Room: South Building, Booth 5119

Participants

Beatriz E. Gonzalez, MD, Guadalajara, Mexico (*Presenter*) Nothing to Disclose

Program Information

In this lecture an experienced radiologist provides her clinical perspective on how digital mammography with tomosynthesis has aided the diagnosis of breast lesions, since it was implemented into their practice in 2011. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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AI13

AI Theater: How Subtle Medical Can Improve Operational Efficiency and Patient Satisfaction: Presented by Subtle Medical

Sunday, Dec. 1 11:30AM - 11:50AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Greg Zaharchuk, MD, PhD, Stanford, CA (*Presenter*) Research Grant, General Electric Company; Research Grant, Bayer AG; Stockholder, Subtle Medical
Enhao Gong, PhD, Menlo Park, CA (*Presenter*) Stockholder, Subtle Medical

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VW35

Personalized and Risk-Stratified Screening Using ABUS Technology: Presented by GE Healthcare

Sunday, Dec. 1 11:30AM - 12:00PM Room: South Building, Booth 5135

Participants

Athina Vourtsis, PhD, Athens, Greece (*Presenter*) Nothing to Disclose

Program Information

Women with dense breasts have a higher risk to develop breast cancer, a higher interval cancer rates leading to a delayed diagnosis. ABUS has shown to improve the detection of invasive cancers while further advances of ABUS 2.0 provide an improvement in the scanning technique, software and interpretability. The objectives of this lecture are to understand the implications of breast density and to learn how to integrate ABUS 2.0 into daily practice. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW13

More Confidence in Tomosynthesis Reading with Synthetic 2D Reading Session: Presented by Siemens Healthineers

Sunday, Dec. 1 11:40AM - 12:50PM Room: North Building, Booth 8563

Participants

Susan Weinstein, MD, Philadelphia, PA (*Presenter*) Nothing to Disclose

Program Information

During this workshop you will get to experience the value that Synthetic 2D mammography (Insight 2D) can bring to tomosynthesis reading. An expert tutor will lead you through cases that will both fascinate and challenge you! All cases have been acquired with Siemens Healthineers latest 50° Wide-Angle system MAMMOMAT Revelation and are displayed on our *syngo*. Breast Care workstations, so you will become familiar with the value of 50° Wide-Angle Tomosynthesis and ease of use of our systems. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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AI14

AI Theater: Practical AI: How Is It Really Helping Patients Today: Presented by Viz.ai

Sunday, Dec. 1 12:00PM - 12:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Jonathan L. Mates, MD, Walnut Creek, CA (*Presenter*) Nothing to Disclose

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VW80

Ongoing Measures against Breast Density Issues on Screening Mammography in Japan: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Sunday, Dec. 1 12:00PM - 1:00PM Room: South Building, Booth 5147

Participants

Takayoshi Uematsu, MD, PhD, Nagaizumi, Japan (*Presenter*) Nothing to Disclose

Program Information

Mammography is the only breast cancer screening test that has been proven to reduce the mortality all over the world. However, the sensitivity is inversely proportional to breast density. As FDA proposes adding breast density reporting to MQSA, the Japanese mass media is making breast density issues a hot topic in screening mammography. This session will discuss Japan's breast cancer screening programs and its ongoing measures against breast density.

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VW64

Implementing Contrast Enhanced Digital Mammography into your Practice: Presented by Hologic, Inc.

Sunday, Dec. 1 12:15PM - 1:30PM Room: South Building, Booth 5119

Participants

Nila H. Alsheik, MD, Park Ridge, IL (*Presenter*) Nothing to Disclose

Program Information

Listen as an experienced radiologist shares how to implement contrast enhanced digital mammography (CEDM) into your practice, followed by a faculty-guided review of CEDM cases. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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AI15

**AI Theater: iBiopsy®-Leveraging AI Technologies in Imaging to Unlock the Power of Precision Medicine:
Presented by Median Technologies**

Sunday, Dec. 1 12:30PM - 12:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Nozha Boujemaa, PhD, Sophia-Antipolis Valbonne, France (*Presenter*) Employee, MEDIAN Technologies

Program Information

Artificial Intelligence technologies in the context of medical imaging and health registries, have the potential to unlock the power of precision medicine. Median Technologies is developing iBiopsy®, a disruptive image-based phenotyping platform powered by the most innovative AI approaches to achieve virtual and non-invasive biopsies. We will present how Median's iBiopsy® solution empowers novel therapies discovery reducing time-to-market as well as enhances clinical decision-making, informing treatment strategies for cancer patients. The program will showcase iBiopsy®, including CyberScan® service, a Content-Based Image Retrieval system and Sherlock™ service which is a prognostic biomarker build upon heterogeneity mapping of tumors environment. Our solution differentiator is the capacity to build image description strategy beyond lesion segmentation which is based on novel image signatures presenting full coverage of the target organ. In a first stage, iBiopsy® is dedicated to liver diseases such as hepatocellular carcinoma or nonalcoholic steatohepatitis (NASH) and is currently under validation. As our overall framework is agnostic to organs and lesions, we are considering other organs in the near future for iBiopsy® platform development.

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VW36

ABUS: Reducing False Positives: Presented by GE Healthcare

Sunday, Dec. 1 12:30PM - 1:00PM Room: South Building, Booth 5135

Participants

Marc F. Inciardi, MD, Westwood, KS (*Presenter*) Faculty, General Electric Company; Consultant, Qview Medical, Inc

Program Information

Learn strategies to reduce call backs with screening automated breast ultrasound. Dr. Marc Inciardi, MD, from the University of Kansas Medical Center, will review the mindset of screening ultrasound and share techniques to increase reading consistency and confidence. Participate in hands-on review of unknown clinical cases to resolve "fake-outs" vs. real pathology. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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AI16

AI Theater: Comparing Acceleration of MRI Brain Scans: Compressed Sensing and AI-assisted Image Processing Technologies: Presented by Medic Vision

Sunday, Dec. 1 1:00PM - 1:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Lawrence N. Tanenbaum, MD, Riverside, CT (*Presenter*) Speaker, General Electric Company; Speaker, Siemens AG; Speaker, Guerbet SA; Speaker, Koninklijke Philips NV; Consultant, Enlitic, Inc; Consultant, icoMetrix NV; Consultant, Subtle Medical; Consultant, Arterys Inc

Program Information

Reducing MR scan time allows significant benefits, including fewer repeating scans due to patient's movement, increased efficiency and productivity. However, MR constitutes an inherent trade-off between scan time and image quality. Hence, when scan time is reduced, image resolution, contrast, signal-to-noise ratio (SNR), and appearance of artifacts, among other characteristics, can be adversely affected. Thus, the distinct need for a solution that can enable faster MRI scans without affecting the image quality. Consequently, in the past decades, there has been a concerted effort to develop fast imaging techniques, while maintaining diagnostic image quality. During the past few years, new approaches have become available, the latest being Compressed Sensing (CS), a new under-sampling technique, in which only the information required for reconstruction is collected, facilitating significant reduction in acquisition time. Currently available CS-based functions include Philips Compressed SENSE, GE HyperSense and Siemens Compressed Sensing. Iterative image reconstruction (IIR) technology has been used for more than 10 years to allow dose reduction in CT scanners. In MRI, IIR presents a new approach to scan time reduction. In IIR, less data is acquired during the scan, resulting in a faster acquisition time, but producing poor-quality and noisy images. These non-diagnostic images are then post-processed by strong image reconstruction and enhancement algorithms, aimed to produce high-quality diagnostic-worthy images. This presentation showcases a comparison case report on CS and AI - assisted IIR, in the ability to reduce MR scan time while maintaining image quality. Specifically, Philips Compressed SENSE, GE HyperSense (CS technology), and Medic Vision iQMR (AI-assisted IIR technology) are compared and evaluated. The case report compared complete brain exams that were acquired by the site's routine scan (11 minutes 50 seconds) and by accelerated acquisition (5 minutes 50 seconds, 50% scan time reduction). Acquired images were processed and reviewed blindly by acknowledged neuroradiologists. The results demonstrate definite preference towards AI- assisted IIR-processed fast MR scans, for all evaluation characteristics.

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VW14

A Practical Approach to Breast Magnetic Resonance Imaging (MRI) Interpretation: Presented by Siemens Healthineers

Sunday, Dec. 1 1:05PM - 2:15PM Room: North Building, Booth 8563

Participants

Susan Weinstein, MD, Philadelphia, PA (*Presenter*) Nothing to Disclose

Program Information

This interactive session will include both didactic and hands-on case review at workstations equipped with *syngo*. MR Brevis. A practical approach to breast MRI interpretation will be discussed as well as utilizing the available sequences and techniques to improve interpretive skills. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW81

Diagnosing Millimeter-sized Cancers with ASPIRE Cristalle: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Sunday, Dec. 1 1:15PM - 2:15PM Room: South Building, Booth 5147

Participants

Dean Phillips, Stamford, CT (*Presenter*) Nothing to Disclose

Program Information

Diagnosing small cancers in dense breasts can be difficult. This interactive workshop, using a large number of clinical examples, will introduce attendees to how recent technical advances have the potential to help identify millimeter-sized cancers in dense breasts and bring them to the forefront.

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AI17

AI Theater: Building Trust in AI from the Ground Up: Presented by Koios Medical

Sunday, Dec. 1 1:30PM - 1:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Sonia Gupta, MD, Boston, MA (*Presenter*) Medical Director, Qure.ai North America; Consultant, IBM Corporation; Consultant, Sauzio; Consultant, General Electric Company; Consultant, Koios; Consultant, Alphabet Inc; Speakers Bureau, Ambra Health ; Speaker, AIMED; Advisory Board, Guerbet SA; Editorial Advisory Board, Anderson Publishing, Ltd;
Lev Barinov, New York, NY (*Presenter*) Nothing to Disclose

Program Information

Dr. Sonia Gupta and Lev Barinov presenting on embedded AI algorithms that impact the clinical decision making process that translate to specificity and sensitivity improvements while seamlessly improving existing workflow.

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VW106

From Diagnostic Use to Treatment Planning: How CESM Can Impact Patient Care: Presented by GE Healthcare

Sunday, Dec. 1 1:30PM - 2:00PM Room: South Building, Booth 5140

Participants

Rodrigo Alcantara, MD, Barcelona, Spain (*Presenter*) Nothing to Disclose

Program Information

Review real CESM cases that have impacted next steps and treatment planning for patients. Review cases and discuss how CESM could make an impact on your patient's care with practicing clinicians. **Seats are limited to 10 people per hands-on-workshop. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW37

Automating Breast Ultrasound: A Live Experience: Presented by GE Healthcare

Sunday, Dec. 1 1:30PM - 2:00PM Room: South Building, Booth 5135

Program Information

This session will cover the latest technological advancements in ABUS design and performance. Attendees will learn how improvements in workflow and image quality have the potential to increase cancer detection in women with dense breast tissue. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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3D17

RSNA 3D Printing Special Interest Group

Sunday, Dec. 1 2:00PM - 3:00PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Andy Christensen, BS, Littleton, CO (*Presenter*) Consultant, Integrum AB; Board Member, Integrum AB; Stockholder, Somaden LLC
Todd Pietila, MBA, Plymouth, MI (*Presenter*) Employee, Materialise NV
Kari E. Boyce, PhD, MEd, Oklahoma City, OK (*Presenter*) Nothing to Disclose
Rami M. Shorti, PhD, South Jordan, UT (*Presenter*) Nothing to Disclose

Sub-Events

3D17A Category III CPT Codes for 3D Printing of Anatomic Models and Guides

Sunday, Dec. 1 2:00PM - 2:15PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Andy Christensen, BS, Littleton, CO (*Presenter*) Consultant, Integrum AB; Board Member, Integrum AB; Stockholder, Somaden LLC

3D17B Scripting for Segmentation

Sunday, Dec. 1 2:15PM - 2:30PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Todd Pietila, MBA, Plymouth, MI (*Presenter*) Employee, Materialise NV

3D17C 3D Printing to Support Research

Sunday, Dec. 1 2:30PM - 2:45PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Kari E. Boyce, PhD, MEd, Oklahoma City, OK (*Presenter*) Nothing to Disclose

3D17D Leveraging 3D Printing for Surgical Simulation

Sunday, Dec. 1 2:45PM - 3:00PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Rami M. Shorti, PhD, South Jordan, UT (*Presenter*) Nothing to Disclose

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AI18

AI Theater: Practical Deep Learning for Breast Cancer Screening: Presented by Kheiron Medical Technologies, Ltd.

Sunday, Dec. 1 2:00PM - 2:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Tobias Rijken, London, United Kingdom (*Presenter*) Stockholder, Kheiron Medical Technologies Ltd

Program Information

Machine learning is expected to greatly impact radiology in the coming years. However, the extent of the impact will depend on the practical utility of the machine learning tools that are being developed. Engineers and computer scientists have suggested that modern machine learning algorithms require only data and compute power to create models that can perform complex tasks. The definition of the task, however, has a considerable impact on the practical utility of the resulting model and product. We will explore what is needed to successfully deliver and deploy products based on modern machine learning that actually address clinical problems. What really is the task that a radiologist performs in breast cancer screening and what can machine learning practitioners and product managers learn from that and vice versa? This raises the intriguing question what we can do to optimise how experts from various fields learn from each other to deliver product that positively impact doctors, the healthcare industry, and patients?

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IN02

Innovation Theater Presentations

Sunday, Dec. 1 2:00PM - 4:00PM Room: South Hall, Level 3, Booth 4700

Program Information

Every day the Innovation Theater will host 20-minute presentations featuring the latest product launches and exciting news from industry leaders. Click on each presentation title to see the exact time it starts. You can see all presentation titles, dates and times in this program or by visiting the Theater in the South Exhibit Hall, Level 3. Morning presentations begin at 10:30 AM and end at 12 PM Noon. Afternoon presentations are held from 2:00 to 4:00 PM.

Sub-Events

IN02A [AI versus IA in Radiology: What's the Difference and Does it Matter?: Presented by Elsevier](#)

Sunday, Dec. 1 2:00PM - 2:20PM Room: South Hall, Level 3, Booth 4700

IN02B [Creating the Radiologist User Experience of the Future: Presented by Intelrad Medical Systems](#)

Sunday, Dec. 1 2:30PM - 2:50PM Room: South Hall, Level 3, Booth 4700

IN02C [The Future of Radiology: A.I. + H.I.: Presented by BioMind](#)

Sunday, Dec. 1 3:00PM - 3:20PM Room: South Hall, Level 3, Booth 4700

IN02D [Innovating the Future of Collaborative Imaging: Presented by Vital, a Canon Group Company](#)

Sunday, Dec. 1 3:30PM - 3:50PM Room: South Hall, Level 3, Booth 4700

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VW65

Increase Confidence and Improve Workflow Efficiencies with High Resolution Imaging Technology: Presented by Hologic, Inc.

Sunday, Dec. 1 2:00PM - 3:15PM Room: South Building, Booth 5119

Participants

Stacy A. Smith-Foley, MD, Fayetteville, AR (*Presenter*) Speakers Bureau, Myriad Genetics, Inc; Scientific Advisory Board, Hologic, Inc

Program Information

Discover how transitioning to Clarity HD® high-resolution imaging with Intelligent 2D® synthesized 2D images and 3DQuorum® may increase reading confidence, improve workflow efficiency while decreasing patient dose. The session includes high-resolution images with 3DQuorum® for attendees to view during the hands-on case-review. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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VW111

Demystifying the Technologist Role in CESM: Presented by GE Healthcare

Sunday, Dec. 1 2:30PM - 3:00PM Room: South Building, Booth 5140

Participants

Rhonda Engebretson, BS,RT, Sioux Falls, SD (*Presenter*) Nothing to Disclose

Program Information

Come learn from a seasoned mammography technologist about the ins and outs of implementing CESM in a Mammography Practice and the crucial role Technologists play. Hear about challenges as well as best practices being implemented. **Seats are limited to 10 people per scientific session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW15

Automated Breast Volume Scanner (ABVS) Physician-led Training Workshop: An Interactive Learning Experience for All Users: Presented by Siemens Healthineers

Sunday, Dec. 1 2:30PM - 3:40PM Room: North Building, Booth 8563

Participants

Terri A. Gizienski, MD, Greenwood Village, CO (*Presenter*) Nothing to Disclose

Program Information

Under the guidance of a breast imaging expert you will develop your skills in the interpretation of 3D breast ultrasound acquired with the ACUSON S2000™ Automated Breast Volume Scanner (ABVS). The studies are displayed on workstations equipped with syngo®. Ultrasound Breast Analysis (sUSBA) software. Active participation in real clinical cases will enable you to become familiar with the unique coronal plane while providing practical approaches to the interpretation of 3D automated breast ultrasound. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW38

AI-based Decision Support for Diagnostic Breast Ultrasound: Presented by GE Healthcare

Sunday, Dec. 1 2:30PM - 3:00PM Room: South Building, Booth 5135

Participants

Michael Washburn, MS, Wauwatosa, WI (*Presenter*) Nothing to Disclose

Program Information

Clinicians can interpret up to one in three cases differently. How can they reduce variability in BI-RADS categorization to achieve greater consistency and confidence in the decision-making process? This new proprietary algorithm automatically classifies user-selected region(s) of interest (ROIs) containing a breast lesion into four BI-RADS-aligned categories (Benign, Probably Benign, Suspicious, Probably Malignant), and displays a continuous graphical confidence level indicator of where the lesion falls across all categories. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW82

The Role of Dual-angle Tomosynthesis in Assessment and Risk Situations: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Sunday, Dec. 1 2:30PM - 3:30PM Room: South Building, Booth 5147

Participants

Claudia Kurtz, MD, Lucerne, Switzerland (*Presenter*) Nothing to Disclose

Program Information

This session begins by introducing the physical properties of narrow-angle vs. wide-angle DBT and, using a large number of clinical examples, compares their impact on overall imaging performance and lesion visualization. The session then progresses to comparison of DBT reconstruction methods (Filtered Back Projection vs. Iterative) and their effect on slice image quality and the production of synthetic 2D images. The session finishes with discussions on breast density assessment methods and Contrast Enhanced Subtraction Mammography (CESM).

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VW107

From Diagnostic Use to Treatment Planning: How CESM Can Impact Patient Care: Presented by GE Healthcare

Sunday, Dec. 1 3:30PM - 4:00PM Room: South Building, Booth 5140

Participants

Rodrigo Alcantara, MD, Barcelona, Spain (*Presenter*) Nothing to Disclose

Program Information

Review real CESM cases that have impacted next steps and treatment planning for patients. Review cases and discuss how CESM could make an impact on your patient's care with practicing clinicians. **Seats are limited to 10 people per hands-on-workshop. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW39

Automating Breast Ultrasound: A Live Experience: Presented by GE Healthcare

Sunday, Dec. 1 3:30PM - 4:00PM Room: South Building, Booth 5135

Program Information

This session will cover the latest technological advancements in ABUS design and performance. Attendees will learn how improvements in workflow and image quality have the potential to increase cancer detection in women with dense breast tissue. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW66

Clinical Perspective on 3D™ Guided Breast Biopsy and Real-Time Specimen Imaging: Presented by Hologic, Inc.

Sunday, Dec. 1 3:45PM - 5:00PM Room: South Building, Booth 5119

Participants

Harriet B. Borofsky, MD, San Mateo, CA (*Presenter*) Nothing to Disclose

Program Information

Come and learn from this experienced radiologist's presentation and demonstration focusing on 3D™ guided breast biopsy and real-time specimen imaging. Participate in the hands-on experience utilizing the Affirm® Prone Biopsy and Brevera® Systems. Additional attendees may join for the hands-on demos after the 20 minute lecture concludes. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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VW83

Contrast-enhanced Digital Mammography as an Adjunct to MRI: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Sunday, Dec. 1 3:45PM - 4:45PM Room: South Building, Booth 5147

Participants

Anna Russo, Negrar, Italy (*Presenter*) Nothing to Disclose

Program Information

Though digital mammography (FFDM) has improved contrast resolution and dynamic range, it still appears to exhibit weaker performance in dense breasts. This workshop, based on a recently-completed clinical trial, will discuss how Contrast Enhanced Digital Mammography (CEDM) may represent a further improvement in cancer detection sensitivity; similar to other contrast-enhanced techniques (CT and MRI), overcoming the performance limitations of 2D that are due to overlapping tissue.

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VW16

The Benefits of 50° Wide-Angle Tomosynthesis: Presented by Siemens Healthineers

Sunday, Dec. 1 3:50PM - 5:00PM Room: North Building, Booth 8563

BR

Participants

Jennifer W. Doe, MD, Houston, TX (*Presenter*) Nothing to Disclose

Program Information

During this hands-on workshop, you will learn more about evaluating breast tomosynthesis data. A reading expert will guide you through cases that will both fascinate and challenge you! All cases have been acquired with Siemens Healthineers 50° Wide-Angle Tomosynthesis technology and can be read on our advanced visualization software *syngo*.Breast Care. You will become familiar with the value of 50° Wide-Angle Tomosynthesis images and the ease-of-use of our reading solutions. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW112

Demystifying the Technologist Role in CESM: Presented by GE Healthcare

Sunday, Dec. 1 4:30PM - 5:00PM Room: South Building, Booth 5140

Program Information

Come learn from a seasoned mammography technologist about the ins and outs of implementing CESM in a Mammography Practice and the crucial role Technologists play. Hear about challenges as well as best practices being implemented. **Seats are limited to 10 people per scientific session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW40

ABUS: A Personalized Screening Solution for Dense Breasts: Presented by GE Healthcare

Sunday, Dec. 1 4:30PM - 5:00PM Room: South Building, Booth 5135

Participants

Simone Schiaffino, MD, Bogliasco, Italy (*Presenter*) Nothing to Disclose

Program Information

Management of patients with dense breasts is still debated; hand-held ultrasound (HHUS), digital breast tomosynthesis, MRI and ABUS (automated breast ultrasound) have been proposed as adjunct screening tools to mammography. ABUS combines HHUS advantages with a standardized and reproducible acquisition, but its adoption as a screening tool could be limited by long reading times. Dr. Schiaffino will discuss the value of the ABUS coronal view, comparing performance and reading times to the complete multiplanar assessment. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

Printed on: 10/29/20



CS22

High Resolution Breast Imaging: Implementation and Work-flow Optimization: Presented by World Class CME, educational grant provided by Hologic, Inc.

Monday, Dec. 2 8:30AM - 9:30AM Room: S102AB

Participants

Linda R. Greer, MD, Phoenix, AZ (*Presenter*) Nothing to Disclose

PROGRAM INFORMATION

This 1 hour symposium will discuss the differences between standard resolution Tomosynthesis and the newest AI-powered high-resolution imaging. The speaker will share their clinical perspective on how implementing the innovative technology improved their work-flow efficiencies including case reviews.

CME

Certificates will be emailed to the email provided through registration or onsite sign in. If we do not have an email on file, attendees can contact our office at office@worldclasscme.com to request a certificate.

RSVP

<https://www.worldclasscme.com/conferences/high-resolution-breast-imaging-implementation-and-workflow-optimization/>

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CS23

Density "Inform" and Insurance Legislation Update: Presented by Bayer

Monday, Dec. 2 8:30AM - 9:30AM Room: S105D

Participants

JoAnn Pushkin, Deerpark, NY (*Presenter*) Nothing to Disclose

PROGRAM INFORMATION

Existing density "inform" laws vary widely; will the soon-to-be-made public FDA national reporting requirement rectify that? This presentation will provide an update on state inform and insurance laws, explain the federal legislative and regulatory processes for a national standard, and share available patient and provider information on the topic of breast density.

CME

This program does not offer CME credit.

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CS21

Hot Topics in Contrast-Enhanced MRI: Presented by Northwest Imaging Forums, educational grant provided by Bracco Diagnostics, Inc.

Monday, Dec. 2 9:00AM - 10:30AM Room: S101AB

Participants

David S. Enterline, MD, Durham, NC (*Presenter*) Consultant, Bracco Group Speakers Bureau, Bracco Group Consultant, General Electric Company Research support, Siemens AG Research support, Koninklijke Philips Electronics NV
Emanuel Kanal, MD, Pittsburgh, PA (*Presenter*) Consultant, Medtronic plc; Consultant, Bracco Group; Consultant, General Electric Company;
Matthew J. Kuhn, MD, Peoria, IL (*Presenter*) Chief Medical Officer, AI Analysis, Inc

PROGRAM INFORMATION

In an effort to provide Physicians and other Health Care professionals with current information and data to make informed decisions in their clinical settings, this symposium will focus on differentiating characteristics of each GBCA, the impact of Artificial Intelligence and how special populations are affected.

CME

Yes, CME credit is available through a third-party provider: click [here](#) to claim credit

RSVP Link

<https://nwifinvite.com/events/hot-topics-in-contrast-enhanced-mri/>

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VW124

Experience Contrast Enhanced Mammography with SenoBright HD: Presented by GE Healthcare

Monday, Dec. 2 10:00AM - 5:00PM Room: South Building, Booth 5140

Program Information

Join us for an immersive journey with Contrast Enhanced Mammography and learn how this imaging tool can enhance your practice and where the future lies. Tours are every 15 minutes. **Seats are limited to 10 people per experience session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW128

MyWaitingRoom: Presented by GE Healthcare

Monday, Dec. 2 10:00AM - 5:00PM Room: South Building, Booth 5140

Participants

Cecilia Olsson, Wauwatosa, WI (*Presenter*) Nothing to Disclose

Program Information

Share a moment with a patient advocate in MyWaitingRoom. Sense and experience the importance of the waiting room and equip yourself with new ideas to personalize this space, and arm patients with education, comfort and an ideal experience during their breast care journey. *Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW02

AI-based Mammography Reading: Self-guided Reading session: Presented by Siemens Healthineers

Monday, Dec. 2 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

You will learn about the benefits of the AI-based Transpara™* decision-support tool from ScreenPoint Medical. It has been integrated with the advanced visualization software syngo. Breast Care* to support 2D and 3D mammography reading. Together, they provide interactive decision support with an overall exam score to help prioritize reading. *syngo.Breast Care VB40 and Transpara™ for 3D are currently under development; they are not for sale in the U.S. Their future availability cannot be guaranteed. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW06

**50° Wide-angle Tomosynthesis and Contrast-enhanced Mammography Self-guided Reading Sessions:
Presented by Siemens Healthineers**

Monday, Dec. 2 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

You are invited to our self-guided reading sessions. With *syngo*.Breast Care workstations configured especially to allow you to work at your own place at a time that suits you! A series of breast tomosynthesis and contrast enhanced mammography cases presented as challenging cases with a solution enables you to develop and test your reading skills. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW09

Automated Breast Volume Scanner (ABVS) Self-guided Reading Sessions: Presented by Siemens Healthineers

Monday, Dec. 2 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

With *syngo*.Ultrasound Breast Analysis (sUSBA) software, self-guided reading sessions with real clinical cases will enable you to become familiar with the coronal plane while providing practical approaches to interpretation of 3D automated breast ultrasound. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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AI21

AI Theater: SwiftMR: MRI Acceleration using Deep Learning Reconstruction: Presented by AIRS MEDICAL

Monday, Dec. 2 10:30AM - 10:50AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Youngwook Lyoo, Seoul, Korea, Republic Of (*Presenter*) Nothing to Disclose

Program Information

SwiftMR, a deep learning reconstruction algorithm, reduces MRI scan time substantially. Parallel imaging acceleration factors can be increased without loss of image quality.

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IN03

Innovation Theater Presentations

Monday, Dec. 2 10:30AM - 12:00PM Room: South Hall, Level 3, Booth 4700

Program Information

Every day the Innovation Theater will host 20-minute presentations featuring the latest product launches and exciting news from industry leaders. Click on each presentation title to see the exact time it starts. You can see all presentation titles, dates and times in this program or by visiting the Theater in the South Exhibit Hall, Level 3. Morning presentations begin at 10:30 AM and end at 12 PM Noon. Afternoon presentations are held from 2:00 to 4:00 PM.

Sub-Events

IN03A [New MEDRAD® Stellant FLEX Injection System: Initial Users Share Experiences: Presented by Bayer](#)

Monday, Dec. 2 10:30AM - 10:50AM Room: South Hall, Level 3, Booth 4700

IN03B [See How Watson Health is Using AI: Presented by IBM Watson Health](#)

Monday, Dec. 2 11:00AM - 11:20AM Room: South Hall, Level 3, Booth 4700

IN03C [Machine Learning in an Enterprise Imaging Environment: Presented by Hyland Healthcare](#)

Monday, Dec. 2 11:30AM - 11:50AM Room: South Hall, Level 3, Booth 4700

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VW108

From Diagnostic Use to Treatment Planning: How CESM Can Impact Patient Care: Presented by GE Healthcare

Monday, Dec. 2 10:30AM - 11:00AM Room: South Building, Booth 5140

Program Information

Review real CESM cases that have impacted next steps and treatment planning for patients. Review cases and discuss how CESM could make an impact on your patient's care with practicing clinicians. **Seats are limited to 10 people per hands-on-workshop. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW41

Breaking Down Barriers in AI Development for Lesion Identification in Breast Care using Ultrasound: Presented by GE Healthcare

Monday, Dec. 2 10:30AM - 11:00AM Room: South Building, Booth 5135

Participants

Sonia Gupta, MD, Boston, MA (*Presenter*) Medical Director, Qure.ai North America; Consultant, IBM Corporation; Consultant, Sauzio; Consultant, General Electric Company; Consultant, Koios; Consultant, Alphabet Inc; Speakers Bureau, Ambra Health ; Speaker, AIMED; Advisory Board, Guerbet SA; Editorial Advisory Board, Anderson Publishing, Ltd;

Program Information

Learn about the current status of artificial intelligence (AI) utilization in diagnostic imaging specific to breast radiology in the USA, as we explore stakeholders, theories of development and hype vs. reality. Specific challenges in development and deployment of AI into a diagnostic breast ultrasound practice will be presented. An overview of GE's partnership with Koios will be shared and highlights of how to break down internal and external barriers will be shown. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW67

Transformative Breast US Technology: Clinical Benefits of Specialized Breast Ultrasound Systems: Presented by Hologic, Inc.

Monday, Dec. 2 10:30AM - 11:15AM Room: South Building, Booth 5119

Participants

Stacy A. Smith-Foley, MD, Fayetteville, AR (*Presenter*) Speakers Bureau, Myriad Genetics, Inc; Scientific Advisory Board, Hologic, Inc

Program Information

Listen as an experienced radiologist presents on the clinical benefits and data associated with advanced SuperSonic breast technologies (SWE™, TriVu, Needle PLUS) used across the patient pathway -- Cancer risk assessment, lesion characterization, ultrasound screening, treatment planning and monitoring, and biopsy guidance). The session includes case reviews and hands-on demonstrations. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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VW84

Differentiating DBT Implementation in Assessment Mammography: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Monday, Dec. 2 10:30AM - 11:30AM Room: South Building, Booth 5147

Participants

Anna Russo, Negrar, Italy (*Presenter*) Nothing to Disclose

Program Information

This interactive session begins by covering various clinical scenarios where the selection of different DBT sweep angles and views would be the most appropriate based on patient history and symptoms. The second part of this workshop will focus on Tomo-guided biopsies with consideration to sweep angles and needle approaches.

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3D21

3D + AV Theater: From Images to 3D Printed Instruments, Solutions for the Point of Care 3DP Lab: Presented by 3D Systems

Monday, Dec. 2 11:00AM - 11:20AM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Erez Ben Zvi, MBA, Airport City, Israel (*Presenter*) Employee, 3D Systems, Inc

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AI22

AI Theater: Empowering Data Science with Imaging: Presented by OneMedNet Corporation

Monday, Dec. 2 11:00AM - 11:20AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Christopher J. Hanna, MSc, PhD, Bloomington, MN (*Presenter*) CEO, OneMedNet Inc CEO, FlowSigna, Inc

Program Information

Ninety percent (90%) of all healthcare data comes from imaging, yet ninety-seven percent (97%) of it goes unanalyzed or unused after the initial review. Importantly, the data contained in these imaging archives offers tremendous value to various organizations, however, less than ten percent (10%) of archive owners are estimated to be actively selling de-identified data. Interested 'Buyers' include AI/ML companies who find it challenging to access an adequate image volume for testing and validation of their algorithms. Additionally, pharmaceutical companies and clinical research organizations (CROs) are also under tremendous pressure to provide Real World Evidence (RWE) to support their efforts. OneMedNet offers the products and services to facilitate a safe and secure transaction between 'Sellers' and 'Buyers'. Our Data Broker solution can quickly and effectively de-identify, index, and curate an imaging archive. Learn more at our scheduled presentation.

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3D22

3D + AV Theater: Overcoming Funding Challenges to Scale 3DP at the Point-of-Care. Lessons from an Innovation Lab: Presented by Formlabs

Monday, Dec. 2 11:30AM - 11:50AM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Gaurav Manchanda, Somerville, MA (*Presenter*) Nothing to Disclose

Sarah A. Flora, ARRT, Danville, PA (*Presenter*) Nothing to Disclose

Program Information

Join us to hear trends, observations, and perspectives from Formlabs, the market-leader for professional-grade 3D printers, as well as best practices, common challenges, and lessons learned from Geisinger Health System. Formlabs has deployed over 50,000 SLA printers to date and has a presence in over 80% of the medical schools, medical device companies, and Level I/II trauma centers that have adopted 3D printing. 3D Printing at the Point-of-Care is not new, however, justifying a hospital 3D print program and achieving sustainability without ongoing philanthropy is rare. In this presentation, Sarah Flora, Program Director of the 3D Print Lab at Geisinger Health System, will discuss the route she took to build the business case for fully funding her program as well as discuss use cases and tools she has learned along the way. Geisinger is a 14+ hospital health system spread throughout Pennsylvania and New Jersey that includes two simulation centers, a medical school, and its own health insurance plan. Geisinger uses 3d printed medical models to aid in presurgical planning, patient and learner education, surgical simulation, and surgical aid tools. In the last 4 years, Geisinger's 3D Print lab has provided over 600+ medical models for these purposes at no cost to the patient or physician.

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AI23

AI Theater: Comparing Your Case to Massive Databases as a Key to Precision Medicine: Presented by contextflow

Monday, Dec. 2 11:30AM - 11:50AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Georg Langs, Vienna, Austria (*Presenter*) Co-founder, contextflow GmbH; Shareholder, contextflow GmbH

Program Information

Precision medicine aims to deliver optimal care for individual patients. It is based on the ability to translate patient observations to predictions regarding risk and possible treatment responses. In an increasingly fine-grained landscape of diseases and treatment options, linking complex visual information from an individual patient to comparable cohorts is a powerful tool to give fast, precise and reliable diagnosis as a basis for treatment decisions. In this talk, we will show how machine learning techniques can drive this comparison and enable search across massive databases to find comparable patients. We will explain how we can capture comprehensive medical image characteristics to identify matching groups to individual patients and use our knowledge about their disease and treatment paths for diagnosis.

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VW42

Risk-based Breast Cancer Screening and Breast Density Assessment: Presented by GE Healthcare

Monday, Dec. 2 11:30AM - 12:00PM Room: South Building, Booth 5135

Participants

Eric J. Kraemer, MD, Reno, NV (*Presenter*) Nothing to Disclose

Program Information

The future of breast health looks at personalizing screening protocols tailored to each woman's individual risk of developing breast cancer. Hear how Dr. Kraemer has implemented a personalized breast screening program at Reno Diagnostic Center based on breast cancer risk and breast density. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW18

The Benefits of 50° Wide-angle Tomosynthesis: Presented by Siemens Healthineers

Monday, Dec. 2 11:40AM - 12:50PM Room: North Building, Booth 8563

Participants

Paula M. Grabler, MD, Chicago, IL (*Presenter*) Nothing to Disclose

Program Information

During this hands-on workshop, you will learn more about evaluating breast tomosynthesis data. A reading expert will guide you through cases that will both fascinate and challenge you! All cases have been acquired with Siemens Healthineers 50° Wide-Angle Tomosynthesis technology and can be read on our advanced visualization software *syngo*. Breast Care. You will become familiar with the value of Wide-Angle Tomosynthesis images and the ease-of-use of our reading solutions. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW85

Integrating Tomosynthesis into your Breast Imaging Practice: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Monday, Dec. 2 11:40AM - 12:40PM Room: South Building, Booth 5147

Participants

Laurie L. Fajardo, MD,MBA, Park City, UT (*Presenter*) Consultant, Hologic, Inc; Consultant, FUJIFILM Holdings Corporation;

Program Information

This educational program provides an opportunity to learn about the benefits of Digital Breast Tomosynthesis (DBT) for detecting / diagnosing breast cancer, and the interpretation and workflow considerations for implementing DBT into a breast imaging practice. During this session, there will be a review of various DBT system designs, recent technology improvements, future developments, evidence of DBT clinical performance improvements / metrics, and a presentation on challenging lesions and pathologies.

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VW68

Personalizing Mammography: Managing the High-risk Patient to the Dense Breast Patient: Presented by Hologic, Inc.

Monday, Dec. 2 11:45AM - 12:30PM Room: South Building, Booth 5119

Participants

Stacy A. Smith-Foley, MD, Fayetteville, AR (*Presenter*) Speakers Bureau, Myriad Genetics, Inc; Scientific Advisory Board, Hologic, Inc

Program Information

Listen to an experienced radiologist's clinical perspective on the importance of assessing patients' risk of breast cancer to manage their individual care. Includes a discussion of the most current recommendations for screening for dense breast patients, along with patient pathways for high risk women. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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3D23

**3D + AV Theater: New Patient-tailored Radiology based on a Synergy of Artificial Intelligence and 3D Printing:
Presented by Medical IP**

Monday, Dec. 2 12:00PM - 12:20PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Soon Ho Yoon, MD, Seoul, Korea, Republic Of (*Presenter*) Nothing to Disclose

Program Information

In this session, we will talk about our experience in the synergy of deep learning and 3D printing, and provide audiences a glimpse about how the synergy opens a chance for patients to have new radiologic understandings of their health and disease.

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AI24

AI Theater: AI Integrated in Daily Workflow with QUIBIM Precision: Visualize, Annotate, Quantify, Report and Discover: Presented by QUIBIM

Monday, Dec. 2 12:00PM - 12:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Angel Alberich-Bayarri, PhD, Valencia, Spain (*Presenter*) Nothing to Disclose

Program Information

Discover how QUIBIM Precision is providing a seamless solution for AI in radiology, with a complete integration in clinical routine and a completely automated rules engine to get all results before reporting. Special analysis modules for brain, musculoskeletal, lung and body-oncology applications. Now installed in more than 60 hospitals and used by more than 20 clinical trials worldwide.

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3D24

3D + AV Theater: Innovation through Collaboration: The Future of 3D Printing at the Point of Care: Presented by Materialise

Monday, Dec. 2 12:30PM - 12:50PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Todd Pietila, MBA, Plymouth, MI (*Presenter*) Employee, Materialise NV

Program Information

You don't want to miss this session! Hear how radiology will play a vital role as more hospitals adopt 3D printing at the point of care for clinical applications and healthcare. Learn how 3D printing is gaining momentum as the technology becomes more accessible. Materialise, along with other industry, academic and hospital leaders are collaborating to move the industry forward and enable medical 3D printing innovations that deliver personalized care for thousands of patients each year.

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AI25

**AI Theater: Will an Algorithm Work in your Environment? The Role of Analytics in Spotting "Hits and Misses":
Presented by Nuance Communications**

Monday, Dec. 2 12:30PM - 12:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

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LL11

Lunch and Learn: Case Studies of How Subtle Medical Software Solutions Improve Clinical Productivity, Quality and Safety of Medical Imaging: Presented by Subtle Medical, Inc. (Invite-only)

Monday, Dec. 2 12:30PM - 1:30PM Room: S403B

Participants

Greg Zaharchuk, MD, PhD, Stanford, CA (*Presenter*) Research Grant, General Electric Company; Research Grant, Bayer AG; Stockholder, Subtle Medical

Wende N. Gibbs, MD, Scottsdale, AZ (*Presenter*) Nothing to Disclose

Michael N. Brant-Zawadzki, MD, Newport Beach, CA (*Presenter*) Nothing to Disclose

Hossein Jadvar, MD, PhD, Pasadena, CA (*Presenter*) Investigator, SubtleMed; Investigator, ImaginAb, Inc

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LL12

Lunch and Learn: Dynamic Digital Radiology: A New Modality in Action: Presented by Konica Minolta (RSVP-required)

Monday, Dec. 2 12:30PM - 1:30PM Room: S404AB

Participants

Florence X. Doo, MD, New York, NY (*Presenter*) Nothing to Disclose

Program Information

Digital Radiology is reaching the practical limits of image quality and resolution. Dynamic Digital Radiology is a new modality that takes digital radiography to a new level of diagnosis. As Digital Radiology becomes the norm, clinicians demand better image quality, advanced image processing and data analytics. Join Konica Minolta Healthcare for this informative Lunch n' Learn as we demonstrate how DDR can help you make better decisions sooner. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://KM-XIM.cvent.com/RSNA>

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LL13

Lunch and Learn: Putting AI into Practice: Presented by Fujifilm Medical Systems (RSVP-required)

Monday, Dec. 2 12:30PM - 1:30PM Room: S403A

Participants

Terence A. Matalon, MD, Philadelphia, PA (*Presenter*) Speaker, Koninklijke Philips NV; Consultant, Zebra Medical Vision Ltd; Consultant, Nuance Communications, Inc

Steve Worrell, Miamisburg, OH (*Presenter*) Nothing to Disclose

William Lacy, Stamford, CT (*Presenter*) Nothing to Disclose

Program Information

Hear from practicing radiologists, and those that support them, on how Artificial Intelligence (AI) is currently impacting their workflows, and what considerations they would recommend for future deployments. Led by Fujifilm's Enterprise Imaging experts, this interactive panel will provide unprecedented insights around the real-world use cases of one of today's most anticipated technologies. *RSVP is required; adding this session to your agenda does not secure your seat in this session.*

RSVP

<https://rsna.fujimed.com/lunch-learn-2019>

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VW43

Automating Breast Ultrasound: A Live Experience: Presented by GE Healthcare

Monday, Dec. 2 12:30PM - 1:00PM Room: South Building, Booth 5135

Participants

Kristina L. Jong, MD, Santa Barbara, CA (*Presenter*) Nothing to Disclose

Program Information

This session will cover the latest technological advancements in ABUS design and performance. Attendees will learn how improvements in workflow and image quality have the potential to increase cancer detection in women with dense breast tissue. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW86

The Evolution of Digital Breast Tomosynthesis and Synthetic 2D: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Monday, Dec. 2 12:50PM - 1:50PM Room: South Building, Booth 5147

Participants

Claudia Kurtz, MD, Lucerne, Switzerland (*Presenter*) Nothing to Disclose

Program Information

Starting with an overview of the capabilities and limitations of various approaches to Digital Breast Tomosynthesis (DBT) architectures and reconstruction methods, this session highlights recent advances in DBT technology and how these advances are now contributing to the creation of synthetic 2D images that may eliminate the need for 2D FFDM and at the same time, reduce patient dose.

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3D25

3D + AV Theater: The Value of Color 3D Printing at Point of Care: Presented by HP Inc.

Monday, Dec. 2 1:00PM - 1:20PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Lee Dockstader, Vancouver, WA (*Presenter*) Nothing to Disclose

Program Information

3D printing in healthcare has been around for more than 30 years and in some cases like hearing aids and orthodontic treatment it has already become mainstream. In the last few years 3D printing at the point of care has grown very quickly and the largest application at the point of care is anatomical models. Anatomical models are used in a variety of ways including non-clinical uses for patient information and education as well as for clinical use such as surgical planning or diagnosis for FDA certified indications. A number of examples will be presented showing the value of color 3D printing with anatomical models and how those were created.

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AI26

AI Theater: In the Quest to Democratize AI, Partner Ecosystems Matter: Presented by GE Healthcare

Monday, Dec. 2 1:00PM - 1:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Karley Yoder, Wauwatosa, WI (*Presenter*) Nothing to Disclose
Brian Milch, Philadelphia, PA (*Presenter*) Nothing to Disclose

Program Information

In the space of healthcare AI, where there are literally infinite opportunities across specialties, modalities and patient populations, we need a thriving network to democratize the technology. Partnerships and collaboration with clinical experts, technology vendors and healthcare industry are critical to dramatically increasing the number of algorithms in devices and applications, and thus potentially dramatically improving healthcare.

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VW69

Open Discussion on the Implementation of Contrast Enhanced Digital Mammography: Presented by Hologic, Inc.

Monday, Dec. 2 1:00PM - 2:00PM Room: South Building, Booth 5119

Participants

Matthew Covington, MD, Salt Lake Cty, UT (*Presenter*) Speaker, Hologic, Inc

Program Information

A question & answer discussion with an experienced, published radiologist. Come join us and have your questions answered concerning Contract Mammography procedures. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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VW19

A Practical Approach to Breast Magnetic Resonance Imaging (MRI) Interpretation: An Interactive Session: Presented by Siemens Healthineers

Monday, Dec. 2 1:05PM - 2:15PM Room: North Building, Booth 8563

Participants

Susan Weinstein, MD, Philadelphia, PA (*Presenter*) Nothing to Disclose

Program Information

This interactive session will include both didactic and hands-on case review at workstations equipped with *syngo*. MR Brevis. A practical approach to breast MRI interpretation will be discussed as well as utilizing the available sequences and techniques to improve interpretive skills. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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3D26

3D + AV Theater: Setting up a Lab and Enhancing Patient Care with Low-cost 3D Printing: Presented by Ultimaker

Monday, Dec. 2 1:30PM - 1:50PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Nicole Wake, PhD, Bronx, NY (*Presenter*) In-kind support, Stratasys, Ltd; Consultant, General Electric Company

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AI27

AI Theater: It's Real, It Works and It's Now! Take AI Out of the Lab and into Clinical Practice: Presented by Infervision

Monday, Dec. 2 1:30PM - 1:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Kuan Chen, Beijing, China (*Presenter*) Employee, Infervision Inc
Matt Deng, PhD, Philadelphia, PA (*Presenter*) Employee, Infervision Inc

Program Information

Infervision is an international company with branches across North America, Asia-pacific, and Europe. Since 2015, Infervision has been using deep learning technologies to analyze medical imaging data of different modalities. From DR, CT, and MRI, we provide radiologists with highly precise and useful tools, while alleviating the medical professional's high workload. Infervision empowers radiologists with useful tools to augment their daily workflow including diagnosis, treatment, follow-up, and research work. Infervision is not only highly research-driven but also closely follows clinical needs, providing practical applications to the clinical environment. To date, Infervision has partnered with over 300 top hospitals worldwide to clinically integrate A.I. tools. Infervision's tools have assisted in more than 33,000 exams daily and contributed to increased quality and efficiency worldwide. Our products have been effectively applied in diagnosing diseases related to chest, brain, bone, mammo, and pediatrics with many testimonials from our users. Infervision has also successfully participated in six research projects; publishing in over 30 journals and provided conference papers at RSNA, ECR, and CCR; along with many others. This year, Infervision is providing over 21 scientific publications for RSNA 2019. This year during the session, Infervision will be reviewing the company's commitment to the medical imaging field, as well as a review of the InferRead™ suite and InferScholar™ Center of A.I. tools. The company will also be providing a summary of real-world clinical results and announcing several recent accomplishments designed to show that the time for reaping the benefits of AI for clinicians, payers and patients is now.

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VW109

From Diagnostic Use to Treatment Planning: How CESM Can Impact Patient Care: Presented by GE Healthcare

Monday, Dec. 2 1:30PM - 2:00PM Room: South Building, Booth 5140

Participants

Miriam Sklair-Levy, MD, Tel -Hashomer, Israel (*Presenter*) Nothing to Disclose

Program Information

Review real CESM cases that have impacted next steps and treatment planning for patients. Review cases and discuss how CESM could make an impact on your patient's care with practicing clinicians. **Seats are limited to 10 people per hands-on-workshop. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW44

Introduction to 3D ABUS Screening Workshop: Presented by GE Healthcare

Monday, Dec. 2 1:30PM - 2:30PM Room: South Building, Booth 5135

Participants

Kristina L. Jong, MD, Santa Barbara, CA (*Presenter*) Nothing to Disclose

Program Information

Kristina Jong, MD, Global Peer Educator, leads this introductory hands-on, interactive, Invenia 3D ABUS (automated breast ultrasound) Workshop. Attendees will review clinical cases on the Invenia™ Viewer and learn how 3D ABUS screening helps increase cancer detection in women with dense breast tissue. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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3D27

RSNA 3D Printing Special Interest Group

Monday, Dec. 2 2:00PM - 3:00PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

April Krivoniak, MS, Pittsburgh, PA (*Presenter*) Nothing to Disclose
Leonid Chepelev, MD, PhD, Ottawa, ON (*Presenter*) Nothing to Disclose
Anish Ghodadra, MD, Pittsburgh, PA (*Presenter*) Advisory Board, axial3D Limited
Juan Garcia, Baltimore, MD (*Presenter*) Nothing to Disclose

Sub-Events

3D27A Surface Scanning and 3D Printing

Monday, Dec. 2 2:00PM - 2:15PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

April Krivoniak, MS, Pittsburgh, PA (*Presenter*) Nothing to Disclose

3D27B Applying AI for Segmentation

Monday, Dec. 2 2:15PM - 2:30PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Leonid Chepelev, MD, PhD, Ottawa, ON (*Presenter*) Nothing to Disclose

3D27C Low-cost 3D Printing

Monday, Dec. 2 2:30PM - 2:45PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Anish Ghodadra, MD, Pittsburgh, PA (*Presenter*) Advisory Board, axial3D Limited
April Krivoniak, MS, Pittsburgh, PA (*Presenter*) Nothing to Disclose

3D27D Use of Z Brush in the Medical Modeling Workflow

Monday, Dec. 2 2:45PM - 3:00PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Juan Garcia, Baltimore, MD (*Presenter*) Nothing to Disclose

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AI28

AI Theater: Next-Generation Radiology AI: The Journey from an AI Algorithm to a Partner: Presented by Aidoc

Monday, Dec. 2 2:00PM - 2:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Elad Walach, MSc, Tel Aviv-Yafo, Israel (*Presenter*) Nothing to Disclose

Program Information

We are on the verge of a new generation in radiology AI where there is already evidence of AI significantly impacting the day-to-day radiology workflow. The adoption of AI in radiology should be viewed through the lens of a journey, with each step of AI development contributing to a final goal of a full-scale solution. The AI ecosystem should move from talking about algorithms and models to a world where we talk about value in the clinical outcomes and solutions that actually improve clinical care. Session takeaways: 1. The current state of AI - is it beyond the hype? 2. AI vendor evaluation metrics - what should radiology departments look for 3. From accuracy to outcomes - use cases from real clinical settings

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CS24

Advances in MR & CT Imaging: Emphasis on Artificial Intelligence: Presented by the Institute for Advanced Medical Education (IAME), educational grant provided by Canon Medical Systems USA, Inc.

Monday, Dec. 2 2:00PM - 3:00PM Room: S101AB

Participants

Garry E. Gold, MD, Stanford, CA (*Presenter*) Research support, General Electric Company

Mathias Prokop, PhD, Nijmegen, Netherlands (*Presenter*) Speakers Bureau, Bracco Group Speakers Bureau, Bayer AG Research Grant, Canon Medical Systems Corporation Speakers Bureau, Canon Medical Systems Corporation Research Grant, Siemens AG Speakers Bureau, Siemens AG Departmental spinoff, Thirona Departmental licence agreement, Varian Medical Systems, Inc

PROGRAM INFORMATION

MR and CT imaging are advancing at a rapid rate with new scanner and software technology finding its way into advanced imaging systems each year. Artificial Intelligence (AI) is playing a major role in this expansion. In this one-hour CME accredited symposium, Dr. Gold and Dr. Prokop will provide insight into how they are using new AI tools in their everyday practice and explain how these new tools are providing better patient care and throughput.

CME

Yes, CME credit is available through a third-party provider. Information on claiming credits will be provided at the end of the symposium.

RSVP Link

<https://www.appliedradiology.org/RSNA1/default.aspx>

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CS26

Enhancing Patient Care in CTEPH through Imaging Innovation: Presented by Bayer and Siemens Healthineers

Monday, Dec. 2 2:00PM - 3:30PM Room: S105D

Participants

Deepa Gopalan, MRCP, FRCR, Cambridge, United Kingdom (*Presenter*) Nothing to Disclose

Narinder S. Paul, MD, Toronto, ON (*Presenter*) Research Grant, Canon Medical Systems Corporation; Research Grant, Carestream Health, Inc

Martine J. Remy-Jardin, MD, PhD, Lille, France (*Presenter*) Research Grant, Siemens AG; Speaker, Siemens AG

PROGRAM INFORMATION

Through the use of case examples, we will walk through imaging techniques currently used by radiologists to identify and diagnose CTEPH, so that the radiological signs seen in respective modalities are not missed. We will explore the role of AI in CTEPH diagnosis and how it will benefit radiologists and patients in the near future.

CME

This course does not offer CME credit.

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IN04

Innovation Theater Presentations

Monday, Dec. 2 2:00PM - 4:00PM Room: South Hall, Level 3, Booth 4700

Program Information

Every day the Innovation Theater will host 20-minute presentations featuring the latest product launches and exciting news from industry leaders. Click on each presentation title to see the exact time it starts. You can see all presentation titles, dates and times in this program or by visiting the Theater in the South Exhibit Hall, Level 3. Morning presentations begin at 10:30 AM and end at 12 PM Noon. Afternoon presentations are held from 2:00 to 4:00 PM.

Sub-Events

IN04A [Presentation by 12 Sigma](#)

Monday, Dec. 2 2:00PM - 2:20PM Room: South Hall, Level 3, Booth 4700

IN04B [From Insights to Action: Leveraging AI End-to-End in Radiology: Presented by Philips](#)

Monday, Dec. 2 2:30PM - 2:50PM Room: South Hall, Level 3, Booth 4700

IN04C [eXACTly On Target, Every Time: Presented by XACT Robotics](#)

Monday, Dec. 2 3:00PM - 3:20PM Room: South Hall, Level 3, Booth 4700

IN04D [Evidence-based AI in Radiology - Ensuring Value-based Application and Improving Outcomes: Presented by AGFA HealthCare](#)

Monday, Dec. 2 3:30PM - 3:50PM Room: South Hall, Level 3, Booth 4700

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VW87

Diagnosing Millimeter-sized Cancers with ASPIRE Cristalle: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Monday, Dec. 2 2:00PM - 3:00PM Room: South Building, Booth 5147

Participants

Dean Phillips, Stamford, CT (*Presenter*) Nothing to Disclose

Program Information

Diagnosing small cancers in dense breasts can be difficult. This interactive workshop, using a large number of clinical examples, will introduce attendees to how recent technical advances have the potential to help identify millimeter-sized cancers in dense breasts and bring them to the forefront.

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AI29

AI Theater: Practical Experience with Production Deployment of AI: Presented by Zebra Medical Vision and Intermountain Healthcare

Monday, Dec. 2 2:30PM - 2:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

John Logioco, Shefayim, Israel (*Presenter*) Nothing to Disclose
Benjamin H. Gordon, MD, Murray, UT (*Presenter*) Nothing to Disclose

Program Information

Intermountain Healthcare, one of the premier healthcare providers in the U.S., and Zebra Medical Vision, the leading Deep Learning Imaging Analytics company, announced in 2016 their partnership to integrate machine learning into the medical imaging analysis of the premier healthcare provider to enhance patient care. Zebra-Med's Analytics Engine receives imaging data and analyzes millions of clinical imaging data in real time, detecting medical indications that are used by Intermountain to identify patients at risk and optimize care. As Zebra-Med's engine grows with new insights it will provide increasingly comprehensive reports that will allow more accurate, cost effective treatment. Intermountain Healthcare has been pleased to receive over 100,000 AI insights on CT scans from Zebra-Med. The healthcare provider has undertaken a pilot to create structured radiology reports and to automatically integrate Zebra AI insights, within the routine radiology reporting workflow. The result is a more comprehensive report with discrete observations that provide downstream benefits including enabling appropriate care within the EMR. The valuable partnership continues to grow, along with the growing number of FDA approvals of Zebra-Med's automated All-In-One (AI1) solutions, providing excellent outcomes while transforming patient care. Zebra Medical Vision: Zebra-Med was founded in 2014 by Eyal Toledano, Eyal Gura, and Elad Benjamin and funded by Khosla Ventures, Marc Benioff, Intermountain Investment Fund, OurCrowd Qure, Aurum, aMoon, Nvidia, J&J, and Dolby Ventures. Zebra Medical Vision has raised \$50 million in funding to date, and was named a Fast Company Top-5 AI and Machine Learning company. www.zebra-med.com Intermountain Healthcare: Intermountain Healthcare is a Utah-based not-for-profit system of 22 hospitals, 185 clinics, a Medical Group with about 1,500 employed physicians and advanced practitioners, a health plans group called SelectHealth, and other medical services. Intermountain is widely recognized as a leader in transforming healthcare through high quality and sustainable costs. www.intermountainhealthcare.org

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VW114

Demystifying the Technologist Role in CESM: Presented by GE Healthcare

Monday, Dec. 2 2:30PM - 3:00PM Room: South Building, Booth 5140

Program Information

Come learn from a seasoned mammography technologist about the ins and outs of implementing CESM in a Mammography Practice and the crucial role Technologists play. Hear about challenges as well as best practices being implemented. **Seats are limited to 10 people per scientific session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW20

The Benefits of 50° Wide-angle Tomosynthesis: Presented by Siemens Healthineers

Monday, Dec. 2 2:30PM - 3:40PM Room: North Building, Booth 8563

Participants

Brandie L. Fagin, MD, Glenview, IL (*Presenter*) Nothing to Disclose

Program Information

During this hands-on workshop, you will learn more about evaluating breast tomosynthesis data. A reading expert will guide you through cases that will both fascinate and challenge you! All cases have been acquired with Siemens Healthineers 50° Wide-Angle Tomosynthesis technology and can be read on our advanced visualization software *syngo*.Breast Care. You will become familiar with the value of 50° Wide-Angle Tomosynthesis images and the ease-of-use of our reading solutions. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW70

Clinical Perspective on 3D™ Guided Breast Biopsy and Real-time Specimen Imaging: Presented by Hologic, Inc.

Monday, Dec. 2 2:30PM - 3:45PM Room: South Building, Booth 5119

Participants

Harriet B. Borofsky, MD, San Mateo, CA (*Presenter*) Nothing to Disclose

Program Information

Come and learn from this experienced radiologist's presentation and demonstration focusing on 3D™ guided breast biopsy and real-time specimen imaging. Participate in the hands-on experience utilizing the Affirm® Prone Biopsy and Brevera® Systems. Additional attendees may join for the hands-on demos after the 20 minute lecture concludes. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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VW45

Automating Breast Ultrasound: A Live Experience: Presented by GE Healthcare

Monday, Dec. 2 3:00PM - 3:30PM Room: South Building, Booth 5135

Participants

Kristina L. Jong, MD, Santa Barbara, CA (*Presenter*) Nothing to Disclose

Program Information

This session will cover the latest technological advancements in ABUS design and performance. Attendees will learn how improvements in workflow and image quality have the potential to increase cancer detection in women with dense breast tissue. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW88

Ongoing Measures against Breast Density Issues on Screening Mammography in Japan: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Monday, Dec. 2 3:10PM - 3:40PM Room: South Building, Booth 5147

Participants

Takayoshi Uematsu, MD, PhD, Nagaizumi, Japan (*Presenter*) Nothing to Disclose

Program Information

Mammography is the only breast cancer screening test that has been proven to reduce the mortality all over the world. However, the sensitivity is inversely proportional to breast density. As FDA proposes adding breast density reporting to MQSA, the Japanese mass media is making breast density issues a hot topic in screening mammography. This session will discuss Japan's breast cancer screening programs and its ongoing measures against breast density.

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AI30

AI Theater: RSNA Intracranial Hemorrhage Detection AI Challenge Winner Recognition Event

Monday, Dec. 2 3:30PM - 5:00PM Room: AI Showcase, North Building, Level 2, Booth 10724

Program Information

View the most successful entries from this year's AI Challenge. RSNA worked with four contributing institutions to assemble a dataset of over 25,000 brain CT exams and with volunteers from the American Society of Neuroradiology to label the exams for the presence of five types of intracranial hemorrhages. Evaluations took place in November and the most accurate submissions will be recognized in the AI Theater on Monday, December 2, 3:30 pm. Kaggle has recognized the RSNA Intracranial Hemorrhage Detection Challenge as a public good and is providing \$25,000 in prizes for the winning entries.

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VW110

From Diagnostic Use to Treatment Planning: How CESM Can Impact Patient Care: Presented by GE Healthcare

Monday, Dec. 2 3:30PM - 4:00PM Room: South Building, Booth 5140

Participants

Randy D. Hicks, MD, Flint, MI (*Presenter*) Nothing to Disclose

Program Information

Review real CESM cases that have impacted next steps and treatment planning for patients. Review cases and discuss how CESM could make an impact on your patient's care with practicing clinicians. **Seats are limited to 10 people per hands-on-workshop. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW21

More Confidence in Tomosynthesis Reading with Synthetic 2D Reading Session: Presented by Siemens Healthineers

Monday, Dec. 2 3:50PM - 5:00PM Room: North Building, Booth 8563

Participants

Chantal van Ongeval, MD, Leuven, Belgium (*Presenter*) Nothing to Disclose

Program Information

During this workshop you will get to experience the value that Synthetic 2D mammography (Insight 2D) can bring to tomosynthesis reading. An expert tutor will lead you through cases that will both fascinate and challenge you! All cases have been acquired with Siemens Healthineers latest 50° Wide-Angle system MAMMOMAT Revelation and are displayed on our *syngo*. Breast Care workstations. So you will become familiar with the value of 50° Wide-Angle Tomosynthesis and ease of use of our systems. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW46

Advanced 3D ABUS Reading Workshop: Interesting Cases: Presented by GE Healthcare

Monday, Dec. 2 4:00PM - 5:00PM Room: South Building, Booth 5135

Participants

Lisa R. Stempel, MD, Chicago, IL (*Presenter*) Nothing to Disclose

Program Information

Dr. Lisa Stempel, RUSH University, will share interesting cases with attendees in this advanced hands-on, interactive Invenia ABUS (automated breast ultrasound) Workshop. Learn more about the unexpected benefits - beyond screening, of implementing ABUS into your clinical practice. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW89

DBT Based on Clinical Evidence (Session in SPANISH): Presented by FUJIFILM Medical Systems U.S.A., Inc.

Monday, Dec. 2 4:00PM - 5:00PM Room: South Building, Booth 5147

Participants

Javier A. Romero, MD, Bogota, Colombia (*Presenter*) Speakers Bureau, Novartis AG Speakers Bureau, Bristol-Myers Squibb Company

Program Information

Desde su aprobación por FDA en 2011, las publicaciones sobre los beneficios de la tomosíntesis son sustanciales. El incremento en la detección de cáncer invasivo y la disminución en el rellamado han sido suficientemente evaluados, además su aplicación en evaluación de asimetrías, distorsiones de la arquitectura mamaria, evaluación de masas, localización de lesiones, disminución en proyecciones adicionales tienen gran impacto en la práctica diaria. Revisaremos casos de estas aplicaciones y revisión de la literatura.

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VW71

Efficacy in Diagnosis with Tomosynthesis in Daily Practice (En Español): Presented by Hologic, Inc.

Monday, Dec. 2 4:15PM - 5:00PM Room: South Building, Booth 5119

Participants

Beatriz E. Gonzalez, MD, Guadalajara, Mexico (*Presenter*) Nothing to Disclose

Program Information

In this lecture an experienced radiologist provides her clinical perspective on how digital mammography with tomosynthesis has aided the diagnosis of breast lesions, since it was implemented into their practice in 2011. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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VW115

Demystifying the Technologist Role in CESM: Presented by GE Healthcare

Monday, Dec. 2 4:30PM - 5:00PM Room: South Building, Booth 5140

Participants

Rhonda Engebretson, BS,RT, Sioux Falls, SD (*Presenter*) Nothing to Disclose

Program Information

Come learn from a seasoned mammography technologist about the ins and outs of implementing CESM in a Mammography Practice and the crucial role Technologists play. Hear about challenges as well as best practices being implemented. **Seats are limited to 10 people per scientific session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

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CS31

Creating Winning Workflows: Identifying Pain Points and Solutions within Radiology Workflow: Presented by Philips

Tuesday, Dec. 3 9:00AM - 10:30AM Room: S101AB

Participants

Chip Truwit, MD, Andover, MA (*Presenter*) Nothing to Disclose

PROGRAM INFORMATION

This symposium will consist of expert-led presentations and panel discussion on solutions to Radiology workflow issues. Speakers will focus their talks on "What does speed mean to you?", or 'What success have you had addressing a significant workflow pain point?' such as: Speed • more efficient image acquisition • improved diagnostic turnaround time • enhanced study triage; Workflow success • enhanced access • accessible operational analytics. The experts will be briefly covering the challenges, benefits and potential considerations of each functional area, followed by panel discussion and audience questions for each area. Moderator: Chip Truwit, MD, Chief Medical Officer, Philips Diagnostic Imaging. Expert Panel: TBD

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CS32

Journey to the Cloud: Presented by Google Cloud

Tuesday, Dec. 3 9:00AM - 10:30AM Room: S102AB

Participants

Arie Meir, PhD, Mountain View, CA (*Presenter*) Employee, Alphabet Inc
Bradley J. Erickson, MD, PhD, Rochester, MN (*Presenter*) Board of Directors, VoiceIt Technologies, LLC; Stockholder, VoiceIt Technologies, LLC; Board of Directors, FlowSigma, LLC; Officer, FlowSigma, LLC ; Stockholder, FlowSigma, LLC
Tomer Levy, Alpharetta, GA (*Presenter*) Nothing to Disclose
Janak Joshi, MBA, Newton, MA (*Presenter*) Nothing to Disclose

PROGRAM INFORMATION

Key takeaways: -Google Cloud vision for cloud and AI in healthcare -Cloud as a future driver of the PACS industry -Solving for the last mile with real world evidence -Cloud as an accelerator of innovative solutions. Artificial Intelligence (AI) and Analytics are paving the way to cloud adoption. Within the healthcare industry, data is growing exponentially, both unlocking potential and highlighting new challenges. With healthcare organizations focused on increasing operational efficiency and improving patient care, the race to innovate is on. But, the speed at which healthcare data is growing (and the sheer volume of existing data) demands a new approach to how that data is managed. And for the medical imaging community facing additional challenges, cloud computing enables organizations to scale storage, consolidate, implement new technologies, and finally realize their goals of driving new business models and unlocking new discoveries. In this symposium, Google Cloud will present key themes in medical imaging and offer a perspective on different types of AI and when to leverage them. From improving productivity and saving time and money to enabling entire organizational shifts, we will discuss how cloud computing holds the key to unlocking new applications and accelerating innovation through AI. Also joining us on stage will be partners and customers who will discuss their own journeys to the Cloud as we showcase how working with customers, partners and patients we aspire to engineer a healthier world together.

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CS33

Provider Panel: An Inside Look at Clinical Experiences with AI: Presented by IBM Watson Health

Tuesday, Dec. 3 9:00AM - 10:00AM Room: S105D

Participants

Thomas Carrico, Elizabethtown, KY (*Presenter*) Nothing to Disclose
Dennis Johnson, Elizabethtown, KY (*Presenter*) Nothing to Disclose
Kevin Serey, MD, Elizabethtown, KY (*Presenter*) Nothing to Disclose
David Gruen, MD, Chicago, IL (*Presenter*) Nothing to Disclose
Mandy Long, Cambridge, MA (*Presenter*) Employee, IBM Corporation

PROGRAM INFORMATION

Because of an explosion of health information in the form of patient records and images, breakthroughs in genomics, population health data and a steady stream of new studies and journal articles, healthcare providers are drowning in data. Such an overwhelming amount of information is nearly impossible for humans to manage. But a carefully designed AI solution can use large amounts of data to deliver new insights and free providers from administrative tasks and bottlenecks. In this symposium, attendees will have the opportunity to hear from a panel of AI-adopter providers about their experiences using IBM Watson and the impact AI solutions have had in their day-to-day life. **Program content subject to change* RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

CME

This program does not offer CME credit.

RSVP Link

https://go.merge.com/2019Q4RACURSNA_LP-EVReg.html

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VW125

Experience Contrast Enhanced Mammography with SenoBright HD: Presented by GE Healthcare

Tuesday, Dec. 3 10:00AM - 5:00PM Room: South Building, Booth 5140

Program Information

Join us for an immersive journey with Contrast Enhanced Mammography and learn how this imaging tool can enhance your practice and where the future lies. Tours are every 15 minutes. **Seats are limited to 10 people per experience session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW129

MyWaitingRoom: Presented by GE Healthcare

Tuesday, Dec. 3 10:00AM - 5:00PM Room: South Building, Booth 5140

Participants

Cecilia Olsson, Wauwatosa, WI (*Presenter*) Nothing to Disclose

Program Information

Share a moment with a patient advocate in MyWaitingRoom. Sense and experience the importance of the waiting room and equip yourself with new ideas to personalize this space, and arm patients with education, comfort and an ideal experience during their breast care journey. *Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW03

AI-based Mammography Reading: Self-guided Reading Session: Presented by Siemens Healthineers

Tuesday, Dec. 3 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

You will learn about the benefits of the AI-based Transpara™* decision-support tool from ScreenPoint Medical. It has been integrated with the advanced visualization software syngo. Breast Care* to support 2D and 3D mammography reading. Together, they provide interactive decision support with an overall exam score to help prioritize reading. *syngo.Breast Care VB40 and Transpara™ for 3D are currently under development; they are not for sale in the U.S. Their future availability cannot be guaranteed. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

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VW07

50° Wide-angle Tomosynthesis and Contrast-enhanced Mammography Self-guided Reading Sessions: Presented by Siemens Healthineers

Tuesday, Dec. 3 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

You are invited to our self-guided reading sessions. With *syngo*.Breast Care workstations configured especially to allow you to work at your own place at a time that suits you! A series of breast tomosynthesis and contrast enhanced mammography cases presented as challenging cases with a solution enables you to develop and test your reading skills. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW10

Automated Breast Volume Scanner (ABVS) Self-guided Reading Sessions: Presented by Siemens Healthineers

Tuesday, Dec. 3 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

With *syngo*.Ultrasound Breast Analysis (sUSBA) software, self-guided reading sessions with real clinical cases will enable you to become familiar with the coronal plane while providing practical approaches to interpretation of 3D automated breast ultrasound. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW22

The Benefits of 50° Wide-angle Tomosynthesis: Presented by Siemens Healthineers

Tuesday, Dec. 3 10:15AM - 11:25AM Room: North Building, Booth 8563

Participants

Thomas S. Helling Jr, MD, Lawrence, KS (*Presenter*) Nothing to Disclose

Program Information

During this hands-on workshop, you will learn more about evaluating breast tomosynthesis data. A reading expert will guide you through cases that will both fascinate and challenge you! All cases have been acquired with Siemens Healthineers 50° Wide-Angle Tomosynthesis technology and can be read on our advanced visualization software syngo. Breast Care. You will become familiar with the value of 50° Wide-Angle Tomosynthesis images and the ease-of-use of our reading solutions. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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AI31

AI Theater: AI-powered Precision Diagnostics - Beyond Expert Level Imaging Biomarkers for Chest and Breast Imaging: Presented by Lunit

Tuesday, Dec. 3 10:30AM - 10:50AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Brandon Suh, MD,MPH, Seoul, Korea, Republic Of (*Presenter*) Nothing to Disclose

Program Information

'Perfecting Intelligence, Transforming Medicine,' Lunit thrives to expand the boundaries of AI-driven capabilities for medical image analytics based on its world-leading deep learning technology, specifically focused on chest and breast imaging. Demos of Lunit INSIGHT CXR and Lunit INSIGHT MMG, Lunit's most mature products tested on +3 million images from more than 80 countries combined, will be presented. Key clinical study results conducted to validate specific clinical utility of Lunit INSIGHT will also be shown. Lunit is a medical AI software company devoted to providing AI-powered total cancer care. Lunit AI solutions help discover cancer and predict cancer treatment response, achieving timely and individually-tailored cancer treatment. With the help of AI, Lunit seeks to reduce medical costs and prolong survival. Founded in 2013, Lunit has been internationally acknowledged for its advanced technology and its application in medical images.

www.lunit.io www.insight.lunit.io"

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IN05

Innovation Theater Presentations

Tuesday, Dec. 3 10:30AM - 12:00PM Room: South Hall, Level 3, Booth 4700

Program Information

Every day the Innovation Theater will host 20-minute presentations featuring the latest product launches and exciting news from industry leaders. Click on each presentation title to see the exact time it starts. You can see all presentation titles, dates and times in this program or by visiting the Theater in the South Exhibit Hall, Level 3. Morning presentations begin at 10:30 AM and end at 12 PM Noon. Afternoon presentations are held from 2:00 to 4:00 PM.

Sub-Events

IN05A [The Benefits of Adopting On-Device, Embedded AI: Presented by GE Healthcare](#)

Tuesday, Dec. 3 10:30AM - 10:50AM Room: South Hall, Level 3, Booth 4700

IN05B [MAVIG 2020: Looking to the Future of Radiation Protection: Presented by MAVIG GmbH](#)

Tuesday, Dec. 3 11:00AM - 11:20AM Room: South Hall, Level 3, Booth 4700

IN05C [Clinical AI: Evidence, Use and Lessons Learned: Presented by Riverain Technologies](#)

Tuesday, Dec. 3 11:30AM - 11:50AM Room: South Hall, Level 3, Booth 4700

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VW102

From Diagnostic Use to Treatment Planning: How CESM Can Impact Patient Care: Presented by GE Healthcare

Tuesday, Dec. 3 10:30AM - 11:00AM Room: South Building, Booth 5140

Participants

Anat Kornecki, MD, London, ON (*Presenter*) Nothing to Disclose

Program Information

Review real CESM cases that have impacted next steps and treatment planning for patients. Review cases and discuss how CESM could make an impact on your patient's care with practicing clinicians. **Seats are limited to 10 people per hands-on-workshop. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

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VW47

Screening Breast Ultrasound: Where Are We Today? Presented by GE Healthcare

Tuesday, Dec. 3 10:30AM - 11:00AM Room: South Building, Booth 5135

Participants

Rachel F. Brem, MD, Washington, DC (*Presenter*) Board of Directors, iCAD, Inc; Board of Directors, Dilon Technologies, Inc; Stock options, iCAD, Inc; Stockholder, Dilon Technologies, Inc; Consultant, Dilon Technologies, Inc; Consultant, ClearCut Medical Ltd; Consultant, Delphinus Medical Technologies, Inc

Program Information

Dr. Rachel Brem, an international thought leader in ultrasound screening and the PI of the seminal SonoInsight Study , will review current breast ultrasound screening literature and clinical trends. She will share how to improve your cancer detection rate today - using ultrasound as a supplemental screening modality for intermediate risk women with dense breasts. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW72

Increase Confidence and Improve Workflow Efficiencies with High-Resolution Imaging Technology: Presented by Hologic, Inc.

Tuesday, Dec. 3 10:30AM - 11:45AM Room: South Building, Booth 5119

Participants

Linda R. Greer, MD, Phoenix, AZ (*Presenter*) Nothing to Disclose

Program Information

Discover how transitioning to Clarity HD® high-resolution imaging with Intelligent 2D® synthesized 2D images and 3DQuorum® may increase reading confidence, improve workflow efficiency while decreasing patient dose. The session includes high-resolution images with 3DQuorum® for attendees to view during the hands-on case-review. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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VW90

Diagnosing Millimeter-sized Cancers with ASPIRE Cristalle: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Tuesday, Dec. 3 10:30AM - 11:30AM Room: South Building, Booth 5147

Participants

Dean Phillips, Stamford, CT (*Presenter*) Nothing to Disclose

Program Information

Diagnosing small cancers in dense breasts can be difficult. This interactive workshop, using a large number of clinical examples, will introduce attendees to how recent technical advances have the potential to help identify millimeter-sized cancers in dense breasts and bring them to the forefront.

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3D31

3D + AV Theater: Using HoloLens to Enhance Training Experiences: Presented by CAE Healthcare

Tuesday, Dec. 3 11:00AM - 11:20PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Randall C. Straub, MS,ARRT, Bismarck, ND (*Presenter*) Nothing to Disclose

Program Information

Interested in how augmented reality can help you improve your training program? Let CAE Healthcare share our industry leading advances using the Microsoft HoloLens platform. • Why HoloLens is needed in today's training environment. • How CAE has used HoloLens to helped hospitals, medical device, and pharmaceutical companies. • How CAE can help you improve your training needs.

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AI32

AI Theater: AI in Clinical Cardiac MRI: Presented by Circle Cardiovascular Imaging

Tuesday, Dec. 3 11:00AM - 11:20AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Matthias Gutberlet, MD, PhD, Leipzig, Germany (*Presenter*) Speaker, Siemens AG Speaker, Koninklijke Philips NV Speaker, Bayer AG Speaker, Bracco Group Author, Thieme Medical Publishers, Inc

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3D32

3D + AV Theater: Experimental Applications of Desktop 3DP: Pioneering Research from the Field: Presented by Formlabs

Tuesday, Dec. 3 11:30AM - 11:50AM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Gaurav Manchanda, Somerville, MA (*Presenter*) Nothing to Disclose

Todd Goldstein, PhD, Manhasset, NY (*Presenter*) Nothing to Disclose

Program Information

Join us to hear trends, observations, and perspectives from Formlabs, the market-leader for professional-grade 3D printers, as well as best practices and experimental applications of 3DP from Northwell Health, the largest healthcare system in New York State. Formlabs has deployed over 50,000 SLA printers to date and has a presence in over 90% of the top 50 medical schools, medical device companies, and Level I/II trauma centers that have adopted 3D printing. Northwell Health has over 700 care centers, 3,000 physicians, and 23 hospitals in New York, as well as the Feinstein Institute for Medical Research. It has scaled its 3D printing lab from an initial research project to a fully-funded, automated 3D Printing Laboratory, where it now produces surgical guides, anatomical models, training systems, and prostheses. Learn more via these links: <https://formlabs.com/industries/healthcare/> ; <https://www.northwell.edu/>

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AI33

AI Theater: View the Invisible, Know the Unknown - Delivering Intelligent, Efficient and Validated Solutions to the Workflow of Radiology: Presented by VUNO, Inc.

Tuesday, Dec. 3 11:30AM - 11:50AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Jin-Kyeong Sung, MD, Seoul, Korea, Republic Of (*Presenter*) Employee, VUNO Inc
Hyunho Park, Seoul, Korea, Republic Of (*Presenter*) Employee, VUNO Inc

Program Information

VUNO is one of the first healthcare AI company to be established in South Korea, and one of the early startups of medical AI. Our technical expertise stands out worldwide with award-winning achievements in international challenges in computer vision and medical image analysis. The company has 40+ patents and over 15 international academic publications To deliver our top-notch AI technology to clinical workflow, we developed and marketed products helping healthcare professionals and patients. VUNO Med®-BoneAge is the first AI-based diagnostic device in South Korea to receive the Ministry of Food and Drug Safety (MFDS) approval and Conformance European Mark (CE). Also, VUNO received MFDS approval for VUNO Med®-Chest X-ray and VUNO Med®-DeepBrain, which means that we have the greatest number of MFDS-approved AI-based diagnostic device in South Korea. For research and future products, AI suite of medical image analysis covering a variety of clinical needs is under development. The suite covers the field of Chest CT, Abdomen CT, Abdomen MR, Funduscopy, and Pathology. Patient experience is one of the most emphasized aspects of VUNO Med® products. From the idea that the patient satisfaction elevates the clinician experience on the products, VUNO Med® platform provides a tailored report for each patient. Several representative testimonies from the partner clinicians, collaborating researchers, and early patients will show the practicality of the VUNO Med® platform.

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VW116

Demystifying the Technologist Role in CESM: Presented by GE Healthcare

Tuesday, Dec. 3 11:30AM - 12:00PM Room: South Building, Booth 5140

Participants

Cynthia Thornton, New York, NY (*Presenter*) Nothing to Disclose

Program Information

Come learn from a seasoned mammography technologist about the ins and outs of implementing CESM in a Mammography Practice and the crucial role Technologists play. Hear about challenges as well as best practices being implemented. **Seats are limited to 10 people per scientific session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW48

Breaking Down Barriers in AI Development for Lesion Identification in Breast Care using Ultrasound: Presented by GE Healthcare

Tuesday, Dec. 3 11:30AM - 12:00PM Room: South Building, Booth 5135

Participants

Sonia Gupta, MD, Boston, MA (*Presenter*) Medical Director, Qure.ai North America; Consultant, IBM Corporation; Consultant, Sauzio; Consultant, General Electric Company; Consultant, Koios; Consultant, Alphabet Inc; Speakers Bureau, Ambra Health ; Speaker, AIMED; Advisory Board, Guerbet SA; Editorial Advisory Board, Anderson Publishing, Ltd;

Program Information

Learn about the current status of artificial intelligence (AI) utilization in diagnostic imaging specific to breast radiology in the USA, as we explore stakeholders, theories of development and hype vs. reality. Specific challenges in development and deployment of AI into a diagnostic breast ultrasound practice will be presented. An overview of GE's partnership with Koios will be shared and highlights of how to break down internal and external barriers will be shown. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW23

Live Presentation: Three-dimensional Automated Breast US (Ultrasound): Facts and Artifacts: Presented by Siemens Healthineers

Tuesday, Dec. 3 11:40AM - 12:50PM Room: North Building, Booth 8563

Participants

Ingolf Karst, MD, Chicago, IL (*Presenter*) Nothing to Disclose

Program Information

Ingolf Karst, MD, PhD, MA, author of Three-dimensional Automated Breast US: Facts and Artifacts, presents a methodical approach to recognizing AB US artifacts and their causes; analyzing shadowing; differentiating artifact from true abnormality; and reviewing characteristic patterns and basic techniques to resolve artifacts. Learn how to apply these methods to help reduce preventable false-positive recommendations and increase efficiency in automated breast ultrasound image interpretation. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW91

The Role of Dual-Angle Tomosynthesis in Assessment and Risk Situations: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Tuesday, Dec. 3 11:40AM - 12:40PM Room: South Building, Booth 5147

Participants

Claudia Kurtz, MD, Lucerne, Switzerland (*Presenter*) Nothing to Disclose

Program Information

This session begins by introducing the physical properties of narrow-angle vs. wide-angle DBT and, using a large number of clinical examples, compares their impact on overall imaging performance and lesion visualization. The session then progresses to comparison of DBT reconstruction methods (Filtered Back Projection vs. Iterative) and their effect on slice image quality and the production of synthetic 2D images. The session finishes with discussions on breast density assessment methods and Contrast Enhanced Subtraction Mammography (CESM).

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3D33

3D + AV Theater: Next Generation of Advanced Visualization for Surgical Planning and Optimizing Analysis Utilizing Immersive Reality with Haptic Feedback and Air Models: Presented by ImmersiveTouch, Inc.

Tuesday, Dec. 3 12:00PM - 12:20PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Pravin K. Patel, MD, Chicago, IL (*Presenter*) Nothing to Disclose

Farid F. Shafaie, MD, Chicago, IL (*Presenter*) Nothing to Disclose

Program Information

Next generation of advanced visualization for surgical planning and optimizing analysis utilizing immersive reality with haptic feedback and air models.

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AI34

AI Theater: ScanDiags-AI-driven Decision Support from Musculoskeletal MRI: Presented by Balzano AI Engineers

Tuesday, Dec. 3 12:00PM - 12:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Rene Balzano, MSc, Zurich, Switzerland (*Presenter*) Nothing to Disclose
Stefan Voser, Zurich, Switzerland (*Presenter*) Nothing to Disclose

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VW73

Clinical Perspective on 3D™ Guided Breast Biopsy and Real-Time Specimen Imaging: Presented by Hologic, Inc.

Tuesday, Dec. 3 12:15PM - 1:30PM Room: South Building, Booth 5119

Participants

Debbie L. Bennett, MD, Saint Louis, MO (*Presenter*) Advisory Board, Devicor Medical Products, Inc; Speaker, Hologic, Inc

Program Information

Come and learn from this experienced radiologist's presentation and demonstration focusing on 3D™ guided breast biopsy and real-time specimen imaging. Participate in the hands-on experience utilizing the Affirm® Prone Biopsy and Brevera® Systems. Additional attendees may join for the hands-on demos after the 20 minute lecture concludes. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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3D34

3D + AV Theater: Hospital Enterprise-grade Workflow Futures for Patient-centered Radiology: Presented by GE Healthcare

Tuesday, Dec. 3 12:30PM - 12:50PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

R. Scott Rader, PhD, Marlborough, MA (*Presenter*) Nothing to Disclose

Program Information

Radiology post-processing systems, which include advanced visualization (AV), play a pivotal role in clinical imaging-based interpretation, diagnosis and precision healthcare planning. Regulatory cleared AV products are used daily in reading rooms across the world to create PDF diagnostic reports and/or volume visualizations in secure, access-controlled hospital enterprise IT networks. Patients rarely, and in most cases never, see these visualizations across their care journey. Meanwhile, today's patients can and do access a broad range of healthcare information to supplement clinician appointments in an effort to understand the age-old question of 'what is happening to me'. While technology companies have exponentially driven down the cost of virtual reality, augmented reality and 3D printing/additive manufacturing systems, the practical impediment to connecting patients with the volume visualizations generated every day in hospitals across the world is a 'publishing problem'. This talk will examine the collision of radiology AV volume visualization output, patient information demand, and a unique rapid publishing system designed for patient-centered radiology; this is a novel system to address the collision of these three concepts, and it will be explored through use cases that potentially enhance the role of radiology in increasing patient satisfaction with their hospital care. Use cases will explore clinical foci included in the RSNA SIG Appropriateness guidelines published in November 2018, as well as use cases from peer-reviewed literature, hospitals and speaker's personal experience. DISCLOSURE: speaker/author is an employee of GE Healthcare, co-founder & shareholder in Intera Oncology, Inc.

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AI35

AI Theater: How to Successfully and Responsibly Introduce AI in Clinical Practice: Presented by Quantib BV

Tuesday, Dec. 3 12:30PM - 12:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Professor Wiro Niessen, Rotterdam, Netherlands (*Presenter*) Co-founder, Quantib BV; Scientific Director, Quantib BV; Shareholder, Quantib BV

Program Information

Responsible introduction of AI in clinical practice: validation, explainability and generalizability in diagnosis and prognosis.

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LL21

Lunch and Learn: Maturing Your Organization's Capability to Develop Regulatory Grade Real World Evidence: Presented by Life Image (RSVP-required)

Tuesday, Dec. 3 12:30PM - 1:30PM Room: S403B

Participants

Saurabh Jha, MD, Philadelphia, PA (*Moderator*) Speakers Bureau, Canon Medical Systems Corporation
Mandy Long, Cambridge, MA (*Presenter*) Employee, IBM Corporation
Brian Martin, North Chicago, IL (*Presenter*) Nothing to Disclose
Dan Housman, Newton, MA (*Presenter*) Nothing to Disclose
Matthew Michela, Newton, MA (*Presenter*) Nothing to Disclose
Michael Muelly, MD, Mountain View, CA (*Presenter*) Employee, Google LLC; Partner, ClariPACS LLC

Program Information

Requirements to utilize real world evidence to drive life science, AI, and healthcare innovation is undergoing an evolutionary process. New federal rules concerning real world evidence, interoperability, and exchange frameworks are helping influence rapid change. To enable this transformation, providers are organizing around digital platforms that can help mature their road map to access and govern longitudinal and regulatory grade end-to-end evidence management. This lunch and learn discussion will examine the phases, technical capabilities, and partnerships that are helping to evolve RWE assets in four distinct phases: 1) Obtaining access to real world evidence through clinical networks. 2) Turning episodic data elements into manageable data assets. 3) Transforming workflow management into trial effective pathways. 4) Leveraging evidence systems for use cases such as patient recruitment and population health. *RSVP is required; adding this session to your agenda does not secure your seat in this session.*

RSVP Link

<https://www.lifeimage.com/rsna-2019-lunch-and-learn>

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LL22

Lunch and Learn: Imaging AI for Advanced COPD Care: Presented by Konica Minolta (RSVP-required)

Tuesday, Dec. 3 12:30PM - 1:30PM Room: S404AB

Participants

Carl R. Fuhrman, MD, Pittsburgh, PA (*Presenter*) Nothing to Disclose

Wassim Labaki, MD, Wayne, NJ (*Presenter*) Nothing to Disclose

John F. Feller, MD, Indian Wells, CA (*Presenter*) Nothing to Disclose

Program Information

In this educational session, participants will learn how the application of quantitative imaging in radiology provides benefits to patients by providing a detailed picture of where potential COPD is present in the lungs, and a more precise evaluation of how much of the lung is affected using computer quantification. The quantitative Lung Density Analysis (LDA) identifies areas indicative of emphysema versus air trapping and normal lung, helping referring pulmonologists tailor treatment more precisely than with PFT data alone. Representatives from multiple imaging centers will demonstrate both the clinical and business benefits of using quantitative imaging in radiology. RSVP by: December 2, 2019 11:59 PM Central Time. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

http://KM-AI.cvent.com/AI_COPD

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LL23

Lunch and Learn: Where the AI 'Rubber' Meets the Road: Making Deep Learning Technology Clinically Safe and Operationally Impactful for Breast Screening: Presented by Kheiron Medical Technologies (RSVP-required)

Tuesday, Dec. 3 12:30PM - 1:30PM Room: S403A

Participants

Bonnie N. Joe, MD, PhD, San Francisco, CA (*Presenter*) Nothing to Disclose

Christopher P. Hess, MD, PhD, San Francisco, CA (*Presenter*) Research, Siemens AG; Consultant, General Electric Company;

Sharmila Majumdar, PhD, San Francisco, CA (*Presenter*) Research Grant, General Electric Company

Tatiana Kelil, MD, San Francisco, CA (*Presenter*) Nothing to Disclose

Peter D. Kecskemethy, PhD, London, United Kingdom (*Presenter*) CEO, Kheiron Medical Technologies

Program Information

Breast cancer screening remains one of the most promising areas in medical imaging to deliver the impact of AI at scale. However, building a clinically robust solution deemed safe to deploy on diverse screening populations, that also generates meaningful outcomes for radiologists and patients, remains a challenge. Join Kheiron Medical Technologies and a panel of leading breast imaging experts, researchers and radiology leaders to discuss a framework for selecting and deploying safe and impactful AI into your screening program. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<https://www.eventbrite.co.uk/e/rsna-2019-lunch-and-learn-where-the-ai-rubber-meets-the-road-registration-75265971547>

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VW49

Introduction to 3D ABUS Screening Workshop: Presented by GE Healthcare

Tuesday, Dec. 3 12:30PM - 1:30PM Room: South Building, Booth 5135

Participants

Kristina L. Jong, MD, Santa Barbara, CA (*Presenter*) Nothing to Disclose

Program Information

Kristina Jong, MD, Global Peer Educator, leads this introductory hands-on, interactive, Invenia 3D ABUS (automated breast ultrasound) Workshop. Attendees will review clinical cases on the Invenia™ Viewer and learn how 3D ABUS screening helps increase cancer detection in women with dense breast tissue. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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3D35

3D + AV Theater: Medical 3D Printing SW and Service Using Collaboration Platform in Korea: Presented by Coreline Soft

Tuesday, Dec. 3 1:00PM - 1:20PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Semyeong Jang, Seoul, Korea, Republic Of (*Presenter*) Nothing to Disclose

Program Information

Medical 3D printing SW and Service using collaboration platform in Korea. Medical 3D printing service using collaboration platform on cloud. 3D printing modeling SW based on Thin-client and AI technology.

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AI36

AI Theater: Impacting Workflows on Routine MSK X-rays with the Implementation of Machine Learning Algorithms: Presented by Radiobotics

Tuesday, Dec. 3 1:00PM - 1:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Mads Jarner, Copenhagen, Denmark (*Presenter*) Nothing to Disclose

Program Information

Radiobotics wants to demonstrate how they in a short time have built robust machine learning algorithms and deployed them at Scandinavian hospitals showing great results which are impacting the workflow greatly. Radiobotics is a very is a young startup, founded in late 2017, and has come very far in their development. Radiobotics is focusing on augmenting X-rays analysis for faster and more accurate diagnosis powered by data-driven machine learning solutions targeting routine medical musculoskeletal x-rays that can empower radiologists towards a many-fold productivity boost.

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HW32

AI Hands-on Workshop: Head-to-Toe Hands-on with AI and Imaging Biomarkers Integrated in PACS. QUIBIM Precision: Presented by QUIBIM SL

Tuesday, Dec. 3 1:00PM - 2:30PM Room: AI Showcase, North Building, Level 2, Booth 11536

Participants

Angel Alberich-Bayarri, PhD, Valencia, Spain (*Presenter*) Nothing to Disclose
Fabio Garcia-Castro, Valencia, Spain (*Presenter*) Nothing to Disclose
Mar Roca-Sogorb, Valencia, Spain (*Presenter*) Nothing to Disclose

Program Information

In this workshop it will be shown how to empower radiologists' daily practice by offering full control over our AI solutions. We will show how AI solutions are seamlessly integrated with PACS and RIS on a daily practice and how to interpret quantitative imaging and AI results. *In order to get the best experience for this workshop, it is highly recommended that attendees bring a laptop with a keyboard and decent-sized screen. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP Link

<https://quibim.hsco.es/event/head-to-toe-hands-on-with-ai-and-imaging-biomarkers-integrated-in-pacs-quibim-precision-2019-12-03-10/register>

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VW24

Automated Breast Volume Scanner (ABVS) Physician Training Workshop: Improve Your Knowledge of the User Interface: Presented by Siemens Healthineers

Tuesday, Dec. 3 1:05PM - 2:15PM Room: North Building, Booth 8563

Participants

Jacqueline A. Bailey, ARRT , San Jose, CA (*Presenter*) Nothing to Disclose

Program Information

During this hands-on workshop led by Siemens Healthineers, you will learn how all the tips and tricks of the *syngo*®. Ultrasound Breast Analysis (sUSBA) software user interface. Active participation with real clinical cases will enable you to become more efficient and confident with the reading tools. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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3D36

3D + AV Theater: Using HoloLens to Enhance Training Experiences: Presented by CAE Healthcare

Tuesday, Dec. 3 1:30PM - 1:50PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Randall C. Straub, MS,ARRT, Bismarck, ND (*Presenter*) Nothing to Disclose

Program Information

Interested in how augmented reality can help your training program? Join CAE Healthcare for a presentation on how we have used industry leading advances on the Microsoft HoloLens platform to improve programs. • Why HoloLens is needed in today's training environment. • How CAE has used HoloLens to helped hospitals, medical device, and pharmaceutical companies. • How CAE can help you improve your training needs.

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AI37

AI Theater: Driving Revenue in Radiology with AI: Presented by Blackford

Tuesday, Dec. 3 1:30PM - 1:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Ben Panter, Edinburgh, United Kingdom (*Presenter*) Nothing to Disclose

Program Information

Artificial intelligence in radiology is here and it's here to stay. But what is the status of AI in radiology today, what are the financial and ROI implications and how can this technology be used to drive revenue? Using some real-world examples this presentation will explore three key areas where AI can generate value and deliver an ROI.

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VW104

From Diagnostic Use to Treatment Planning: How CESM Can Impact Patient Care: Presented by GE Healthcare

Tuesday, Dec. 3 1:30PM - 2:00PM Room: South Building, Booth 5140

Participants

Anat Kornecki, MD, London, ON (*Presenter*) Nothing to Disclose

Program Information

Review real CESM cases that have impacted next steps and treatment planning for patients. Review cases and discuss how CESM could make an impact on your patient's care with practicing clinicians. **Seats are limited to 10 people per hands-on-workshop. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW93

Imaging of Triple-negative Breast Cancer: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Tuesday, Dec. 3 1:30PM - 2:30PM Room: South Building, Booth 5147

Participants

Jessica W. Leung, MD, Houston, TX (*Presenter*) Scientific Advisory Board, Subtle Medical

Program Information

Triple negative breast cancer is defined as invasive cancer that is ER, PR, and HER2 negative. This is a biologically aggressive cancer that (currently) cannot be treated with targeted therapy. It disproportionately affects young women and is associated with BRCA-1 gene mutation. At mammography, ultrasound, and MRI, this cancer typically appears as a round or oval mass. It has a poor prognosis, at least in part due to early visceral metastases. In this lecture, the molecular, clinical, and imaging features of triple negative breast cancer will be discussed.

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3D37

RSNA 3D Printing Special Interest Group

Tuesday, Dec. 3 2:00PM - 3:00PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Kenneth C. Wang, MD, PhD, Ellicott City, MD (*Presenter*) Co-founder, DexNote, LLC
Jan S. Witowski, Krakow, Poland (*Presenter*) Former Employee, MedApp SA
Lumarie Santiago, MD, Houston, TX (*Presenter*) Nothing to Disclose
Elsa M. Arribas, MD, Houston, TX (*Presenter*) Scientific Advisory Board, Volumetric Biotechnologies, Inc; Stockholder, Volumetric Biotechnologies, Inc
Sarah A. Flora, ARRT, Danville, PA (*Presenter*) Nothing to Disclose

Sub-Events

3D37A ACR RSNA 3D Printing Registry

Tuesday, Dec. 3 2:00PM - 2:15PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Kenneth C. Wang, MD, PhD, Ellicott City, MD (*Presenter*) Co-founder, DexNote, LLC

3D37B 3D Printing in Poland

Tuesday, Dec. 3 2:15PM - 2:30PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Jan S. Witowski, Krakow, Poland (*Presenter*) Former Employee, MedApp SA

3D37C 3D Printing in Breast Imaging

Tuesday, Dec. 3 2:30PM - 2:45PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Lumarie Santiago, MD, Houston, TX (*Presenter*) Nothing to Disclose
Elsa M. Arribas, MD, Houston, TX (*Presenter*) Scientific Advisory Board, Volumetric Biotechnologies, Inc; Stockholder, Volumetric Biotechnologies, Inc

3D37D Molding Techniques for Simulation Models

Tuesday, Dec. 3 2:45PM - 3:00PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Sarah A. Flora, ARRT, Danville, PA (*Presenter*) Nothing to Disclose

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AI38

AI Theater: XStream® aiCockpit™-Workflow Orchestration for AI: Presented by Fovia Ai

Tuesday, Dec. 3 2:00PM - 2:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Kevin Kreeger, PhD, Palo Alto, CA (*Presenter*) Nothing to Disclose

Program Information

XStream® aiCockpit™: Workflow Orchestration for AI It's all about workflow! Artificial intelligence is a disruptive technology, albeit one that presents challenges to physician productivity if constrained by current workflows. Fortunately, this disruption also provides opportunities to enhance workflows by using well-designed approaches to incorporate AI technology into clinical practice. Fovia, a world leader in advanced visualization for nearly two decades, and a preeminent provider of cloud-based SDKs, will present a workflow orchestration that provides efficient navigation and meaningful interaction with diverse AI results, including classification, detection, localization, segmentation and quantitative measurements. Radiologists and clinicians will now be able to efficiently and seamlessly interact with AI-augmented radiology data using intuitive tools that navigate, visualize, modify, annotate, accept/reject and archive. Fovia Ai's integrated workflow supports the full continuum of AI output, from Secondary Capture to richer objects, such as GSPS, CADSR, SEG, KOS, NiFTi and private/custom objects (e.g., heat maps and other non-standard formats). Custom AI-driven workflows are accessible via a medical imaging SDK, an external web-launched standalone viewer, an embedded web viewer, and a full, deep integration into PACS/EHR/IT. Workflow orchestration for AI creates a paradigm shift-augmenting physicians' workflow by allowing interactive feedback with the AI algorithms in real time. Built into this new paradigm is the ability to track physician interactions to perform local validation of algorithm performance. Join industry veteran Kevin Kreeger, Ph.D., on Tuesday, 12/3 from 2:00pm - 2:20pm in the AI Showcase Theater to learn more about how Fovia Ai is transforming radiology by providing meaningful access to the AI algorithm explosion. Also, visit booth #10518 for a hands-on, live demo of our XStream® aiCockpit™.

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CS34

Advancements in Ultrasound Imaging for MSK and Sports Medicine: Presented by the Institute for Advanced Medical Education (IAME), educational grant provided by Canon Medical Systems USA, Inc.

Tuesday, Dec. 3 2:00PM - 3:00PM Room: S101AB

Participants

Kentaro Onishi, DO, Tustin, CA (*Presenter*) Nothing to Disclose

Jeffrey A. Strakowski, MD, Columbus, OH (*Presenter*) Nothing to Disclose

PROGRAM INFORMATION

Musculoskeletal injuries are common and can account for an estimated 20% of primary care and emergency department (ED) visits each year in the US. In this one-hour accredited CME symposium, Dr. Onishi and Dr. Strakowski will share their clinical insights into how they are utilizing high frequency ultrasound diagnostically for routine and complicated musculoskeletal and peripheral nerve injuries. Specifically, attendees will learn about the increasing benefits of using ultra-high frequency ultrasound transducers in MSK imaging to diagnose injuries, where spatial resolution is critical in small joints and superficial nerves. In addition, attendees will have the opportunity see just how to perform these procedures in a live scanning session with the faculty.

CME

Yes, CME credit is available through a third-party provider. Instructions on claiming credit will be provided at the end of the symposium.

RSVP Link

<https://www.appliedradiology.org/RSNA2/default.aspx>

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CS35

AI: Delivering on the Promise: Presented by MaxQ AI

Tuesday, Dec. 3 2:00PM - 3:30PM Room: S102AB

Participants

Gene Saragnese, Andover, MA (*Presenter*) Nothing to Disclose

CME

This course does not offer CME credit.

Printed on: 10/29/20



CS36

Efficiency & Risk Management in CT: Smart & Innovative Solutions: Presented by Bracco Diagnostics, Inc.

Tuesday, Dec. 3 2:00PM - 3:30PM Room: S105D

Participants

Dushyant Sahani, MD, Boston, MA (*Presenter*) Research support, General Electric Company Medical Advisory Board, Allena Pharmaceuticals, Inc

Daniele Marin, MD, Durham, NC (*Presenter*) Research support, General Electric Company

Stephanie Allen, MBA, Albemarle, NC (*Presenter*) Nothing to Disclose

PROGRAM INFORMATION

In clinical practice, a busy CT suite can experience a bottle-neck of patient throughput that can impact wait times and patient satisfaction. As modern imaging departments continue to evolve with the installation of the latest devices, software, and tools to provide best in class care for their patients in the most efficient and productive manner; there is now a necessity to share best practices among healthcare providers. This will be a live CE and CRA accredited symposium. This symposium features a panel of three experts in their respective areas of medical imaging who will share their experience of how they are increasing workflow efficiency while managing risk in the CT suite. The discussion will include the compliant use of Imaging Bulk Package with smart contrast delivery systems, while capturing and analyzing patient-enriched data. Educational Credits Provided ARRT Category A CE Credit - AHRA CRA Credit.

CME

This program does not offer CME; this program offers CE and CRA credits. Attendees will be provided with instructions at the end of the symposium on how to claim their credits.

RSVP Link

<https://www.appliedradiology.org/RSNA3/default.aspx>

Sub-Events

CS36A Smart CT Injectors: The Clinical Benefits of Saline & Contrast Utilization

Participants

Dushyant Sahani, MD, Boston, MA (*Presenter*) Research support, General Electric Company Medical Advisory Board, Allena Pharmaceuticals, Inc

CS36B Compliant Utilization of Imaging Bulk Package in CT

Participants

Stephanie Allen, MBA, Albemarle, NC (*Presenter*) Nothing to Disclose

CS36C Benefits of Smart CT Injectors: Workflow Improvements & Protocol Management

Participants

Daniele Marin, MD, Durham, NC (*Presenter*) Research support, General Electric Company

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IN06

Innovation Theater Presentations

Tuesday, Dec. 3 2:00PM - 4:00PM Room: South Hall, Level 3, Booth 4700

Program Information

Every day the Innovation Theater will host 20-minute presentations featuring the latest product launches and exciting news from industry leaders. Click on each presentation title to see the exact time it starts. You can see all presentation titles, dates and times in this program or by visiting the Theater in the South Exhibit Hall, Level 3. Morning presentations begin at 10:30 AM and end at 12 PM Noon. Afternoon presentations are held from 2:00 to 4:00 PM.

Sub-Events

IN06A [AI in Action: The End to End Story, Delivered: Presented by Nuance](#)

Tuesday, Dec. 3 2:00PM - 2:20PM Room: South Hall, Level 3, Booth 4700

IN06B [Advances in AI for Personalized Breast Cancer Screening Using Image-based Short-term Risk Assessment: Presented by iCAD](#)

Tuesday, Dec. 3 2:30PM - 2:50PM Room: South Hall, Level 3, Booth 4700

IN06C [Meet the PAMA AUC Mandate with MedCurrent OrderWise® Clinical Decision Support Mechanism: Presented by MedCurrent Corporation](#)

Tuesday, Dec. 3 3:00PM - 3:20PM Room: South Hall, Level 3, Booth 4700

IN06D [Introducing SubtleMR-A case study of how one site uses this AI software to improve throughput, quality, and patient experience: Presented by Subtle Medical, Inc.](#)

Tuesday, Dec. 3 3:30PM - 3:50PM Room: South Hall, Level 3, Booth 4700

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VW50

Launching a Progressive and Prosperous ABUS Program: Presented by GE Healthcare

Tuesday, Dec. 3 2:00PM - 2:30PM Room: South Building, Booth 5135

Participants

Lisa R. Stempel, MD, Chicago, IL (*Presenter*) Nothing to Disclose

Program Information

Learn first-hand the pearls and pitfalls of how to successfully implement Invenia ABUS into a multi-disciplinary, multi-center practice and how to improve the clinical use of ultrasound in your breast imaging practice. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW74

A Revolution in Localization: Presented by Hologic, Inc.

Tuesday, Dec. 3 2:00PM - 3:15PM Room: South Building, Booth 5119

Participants

Mehran Habibi, Baltimore, MD (*Presenter*) Nothing to Disclose

Lisa A. Mullen, MD, Cockeysville, MD (*Presenter*) Nothing to Disclose

Program Information

Learn from both an experienced radiologist and surgeon as they provide an overview of traditional and new localization options for patients undergoing Breast Conserving Surgery (lumpectomy) or excisional biopsy. Their knowledgeable discussion followed by hands-on experience for attendees will review the benefits of various wire and non-wire localization technologies focusing on ways to improve workflow. The hands-on portion includes phantom-placement techniques, demonstrating multiple, innovative technologies including LOCALizer™ and Viera™. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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AI39

AI Theater: How RSNA is Fostering the AI Ecosystem

Tuesday, Dec. 3 2:30PM - 3:00PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Safwan Halabi, MD, Stanford, CA (*Presenter*) Officer, Interfierce; Stockholder, DNAFeed; Advisor, Bunker Hill

Program Information

In October 2018, the RSNA Summit on AI in Radiology convened a diverse group of stakeholders to prioritize needs and gaps related to artificial intelligence in radiology. Come learn about the key takeaways identified from the Summit and how the RSNA has continued to make strides in AI in radiology.

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VW117

Demystifying the Technologist Role in CESM: Presented by GE Healthcare

Tuesday, Dec. 3 2:30PM - 3:00PM Room: South Building, Booth 5140

Participants

Cynthia Thornton, New York, NY (*Presenter*) Nothing to Disclose

Program Information

Come learn from a seasoned mammography technologist about the ins and outs of implementing CESM in a Mammography Practice and the crucial role Technologists play. Hear about challenges as well as best practices being implemented. **Seats are limited to 10 people per scientific session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW25

More Confidence in Tomosynthesis Reading with Synthetic 2D Reading Session: Presented by Siemens Healthineers

Tuesday, Dec. 3 2:30PM - 3:40PM Room: North Building, Booth 8563

Participants

Chantal van Ongeval, MD, Leuven, Belgium (*Presenter*) Nothing to Disclose

Program Information

During this workshop you will get to experience the value that Synthetic 2D mammography (Insight 2D) can bring to tomosynthesis reading. An expert tutor will lead you through cases that will both fascinate and challenge you! All cases have been acquired with Siemens Healthineers latest 50° Wide-Angle system MAMMOMAT Revelation and are displayed on our syngo. Breast Care workstations. So you will become familiar with the value of 50° Wide-Angle Tomosynthesis and ease of use of our systems. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

Printed on: 10/29/20



VW94

Differentiating DBT Implementation in Assessment Mammography: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Tuesday, Dec. 3 2:40PM - 3:40PM Room: South Building, Booth 5147

Participants

Anna Russo, Negrar, Italy (*Presenter*) Nothing to Disclose

Program Information

This interactive session begins by covering various clinical scenarios where the selection of different DBT sweep angles and views would be the most appropriate based on patient history and symptoms. The second part of this workshop will focus on Tomo-guided biopsies with consideration to sweep angles and needle approaches.

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AI40

AI Theater: Getting Your Radiology Department and IT Ready for AI and Big Data

Tuesday, Dec. 3 3:00PM - 3:45PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Paul J. Chang, MD, Chicago, IL (*Presenter*) Co-founder, Koninklijke Philips NV; Researcher, Koninklijke Philips NV; Researcher, Bayer AG; Advisory Board, Bayer AG; Advisory Board, Aidoc Ltd; Advisory Board, EnvoyAI; Advisory Board, Inference Analytics; Advisory Board, Subtle Medical

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VW51

Automating Breast Ultrasound: A Live Experience: Presented by GE Healthcare

Tuesday, Dec. 3 3:00PM - 3:30PM Room: South Building, Booth 5135

Participants

Kristina L. Jong, MD, Santa Barbara, CA (*Presenter*) Nothing to Disclose

Program Information

This session will cover the latest technological advancements in ABUS design and performance. Attendees will learn how improvements in workflow and image quality have the potential to increase cancer detection in women with dense breast tissue. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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HW33

AI Hands-on Workshop: Deep Learning for MRI Interpretation on the Microsoft Azure ML Platform: Presented by Balzano AI Engineers

Tuesday, Dec. 3 3:30PM - 5:00PM Room: AI Showcase, North Building, Level 2, Booth 11536

Participants

Rene Balzano, MSc, Zurich, Switzerland (*Presenter*) Nothing to Disclose

Stefan Voser, Zurich, Switzerland (*Presenter*) Nothing to Disclose

Program Description

During this session, the attendees will be walked through the end-to-end process of preprocessing MRI studies, extracting labels from reports and facilitating deep learning with both in a Microsoft Azure ML environment. Each attendee will receive access to an individual workspace on the platform that will continue to be available for a week after the workshop. In order to get the best experience for this workshop, it is highly recommended that attendees bring a laptop with a keyboard and decent-sized screen.

RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.

RSVP Link

<https://www.eventbrite.com/e/deep-learning-with-microsoft-azure-ml-for-mri-interpretation-tickets-64334393904>

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VW105

From Diagnostic Use to Treatment Planning: How CESM Can Impact Patient Care: Presented by GE Healthcare

Tuesday, Dec. 3 3:30PM - 4:00PM Room: South Building, Booth 5140

Participants

Anat Kornecki, MD, London, ON (*Presenter*) Nothing to Disclose

Program Information

Review real CESM cases that have impacted next steps and treatment planning for patients. Review cases and discuss how CESM could make an impact on your patient's care with practicing clinicians. **Seats are limited to 10 people per hands-on-workshop. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

Printed on: 10/29/20



VW52

Advanced ABUS Screening Workshop: The 3D Coronal View: Presented by GE Healthcare

Tuesday, Dec. 3 3:30PM - 4:30PM Room: South Building, Booth 5135

Participants

Georgia Giakoumis-Spear, MD, Evanston, IL (*Presenter*) Nothing to Disclose

Program Information

This advanced hands-on, interactive, Invenia ABUS Workshop will show attendees how to efficiently navigate the 3D coronal plane to highlight potential abnormalities and streamline ultrasound screening workflow. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW75

Implementing Contrast Enhanced Digital Mammography into your Practice: Presented by Hologic, Inc.

Tuesday, Dec. 3 3:45PM - 5:00PM Room: South Building, Booth 5119

Participants

Nila H. Alsheik, MD, Park Ridge, IL (*Presenter*) Nothing to Disclose

Program Information

Listen as an experienced radiologist shares how to implement contrast enhanced digital mammography (CEDM) into your practice, followed by a faculty-guided review of CEDM cases. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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VW26

A Practical Approach to Breast Magnetic Resonance Imaging (MRI) Interpretation: An Interactive Session: Presented by Siemens Healthineers

Tuesday, Dec. 3 3:50PM - 5:00PM Room: North Building, Booth 8563

Participants

Susan Weinstein, MD, Philadelphia, PA (*Presenter*) Nothing to Disclose

Program Information

This interactive session will include both didactic and hands-on case review at workstations equipped with *syngo*. MR Brevis. A practical approach to breast MRI interpretation will be discussed as well as utilizing the available sequences and techniques to improve interpretive skills. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW95

Contrast-enhanced Digital Mammography as an Adjunct to MRI: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Tuesday, Dec. 3 4:00PM - 5:00PM Room: South Building, Booth 5147

Participants

Anna Russo, Negrar, Italy (*Presenter*) Nothing to Disclose

Program Information

Though digital mammography (FFDM) has improved contrast resolution and dynamic range, it still appears to exhibit weaker performance in dense breasts. This workshop, based on a recently-completed clinical trial, will discuss how Contrast Enhanced Digital Mammography (CEDM) may represent a further improvement in cancer detection sensitivity; similar to other contrast-enhanced techniques (CT and MRI), overcoming the performance limitations of 2D that are due to overlapping tissue.

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VW118

Demystifying the Technologist Role in CESM: Presented by GE Healthcare

Tuesday, Dec. 3 4:30PM - 5:00PM Room: South Building, Booth 5140

Participants

Cynthia Thornton, New York, NY (*Presenter*) Nothing to Disclose

Program Information

Come learn from a seasoned mammography technologist about the ins and outs of implementing CESM in a Mammography Practice and the crucial role Technologists play. Hear about challenges as well as best practices being implemented. **Seats are limited to 10 people per scientific session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW53

Meet the Expert: Experiences with ABUS: Presented by GE Healthcare

Tuesday, Dec. 3 4:30PM - 5:00PM Room: South Building, Booth 5135

Participants

Marc F. Inciardi, MD, Westwood, KS (*Presenter*) Faculty, General Electric Company; Consultant, Qview Medical, Inc
Susan G. Roux, MD, Monterey, CA (*Presenter*) Nothing to Disclose

Program Information

Discover how ABUS can help you personalize breast imaging and become more proactive about breast care. Please join members of the GE Healthcare ABUS Team and expert ABUS Users for an interactive session. This will be a great opportunity to learn more about automated breast ultrasound and speak with other clinicians about their experiences using ABUS. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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CS43

The Norepinephrine Transporter: An Optimal Target for Imaging and Treatment of Neuroendocrine Tumors: Presented by Haymarket Medical Education, educational grant provided by Progenics Pharmaceuticals, Inc.

Wednesday, Dec. 4 8:30AM - 10:00AM Room: S105D

Participants

Edward Wolin, MD, New York, NY (*Presenter*) Nothing to Disclose

Daniel Pryma, MD, Philadelphia, PA (*Presenter*) Research Grant, Siemens AG; Research Grant, 511 Pharma; Research Grant, Progenics Pharmaceuticals, Inc; Research Consultant, Progenics Pharmaceuticals, Inc; Research Consultant, 511 Pharma; Research Consultant, Actinium Pharmaceuticals, Inc; Research Consultant, Nordic Nanovector ASA

PROGRAM INFORMATION

Neuroendocrine tumors (NET) are a rare and diverse group of tumors that manifest in various parts of the body, with approximately two-thirds of all cases occurring in the gastrointestinal (GI) tract. Other common sites for NET include the lungs and pancreas. Pheochromocytomas and paragangliomas (PPGLs) represent a still rarer form of NET that manifest in or outside the adrenal glands. Functioning NET secrete hormones and neuroamines that cause distinct clinical symptoms. Molecularly, NET overexpress the norepinephrine reuptake transporter on the tumor cell surface and MIBG is a known substrate for this transporter. Accordingly, the norepinephrine transporter as shown by MIBG avidity can be used to enrich for patients who are most likely to respond to I-131 therapy. New studies are being initiated to evaluate the role of I-131 for the treatment of patients with unresectable or metastatic NET which are norepinephrine transporter avid by MIBG imaging. As our understanding of the biology of NETs, including gastroenteropancreatic (GEP)-NET and PPGLs, improves and the treatment and imaging landscape expands, it is important for clinicians to be aware of current research advancements. This 90-minute CME program will provide radiology professionals with a review of the prevalence, incidence, tumor biology, and diagnostic approach to NETs and the latest advancements made in the field with using radiopharmaceuticals as targeted diagnostic as well as therapeutic agents.

CME

Yes, CME credit is available through a third-party provider.

RSVP

<http://www.cvent.com/events/the-norepinephrine-transporter-an-optimal-target-for-imaging-and-treatment-of-neuroendocrine-tumors/event-summary-71c1dfab3ac942caac236ad152394590.aspx>

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CS41

**SOLVE: Driving Innovation on AI at the Point of Care from Edge to Cloud with Key Industry Partners:
Presented by Intel Corporation**

Wednesday, Dec. 4 9:00AM - 10:30AM Room: S101AB

Participants

Matthew DiDonato, Wauwatosa, WI (*Presenter*) Nothing to Disclose
Puneet Sharma, Princeton, NJ (*Presenter*) Research Director, Siemens AG
Wendell A. Gibby, MD, Provo, UT (*Presenter*) CEO, Novarad Corporation
Sandeep Akkaraju, Wellesley, MA (*Presenter*) Nothing to Disclose
Fabien Beckers, San Francisco, CA (*Presenter*) Founder and CEO, Arterys Inc
Eric King, Santa Clara, CA (*Presenter*) Nothing to Disclose
Alexander M. Flores, Santa Clara, CA (*Presenter*) Nothing to Disclose

PROGRAM INFORMATION

From enabling clinicians to deliver more collaborative, distributed, and personalized diagnosis and treatment, to providing entire health systems better capabilities for capturing, analyzing, and synthesizing critical health data, AI is revolutionizing the way that care is being delivered. Intel enables it all, from edge to cloud. Leading health innovators are creating new data-driven solutions that dramatically re-shape the boundaries and precision of health and wellness everywhere, enabled by Intel's portfolio of advanced technology and artificial intelligence. This session will focus on how partners and customers are implementing innovation and transformation in the field of medical imaging and provide a broader view on enabling Intel® AI portfolio for edge to cloud inference optimization. - *Matthew DiDonato, Director, Product Management - Platform for GE Healthcare AI*; - *Puneet Sharma, Senior AI Director, Siemens Healthineers*; - *Wendell Gibby, MD, Director BlueRock Medical & Adjunct Radiology Professor UCSD*; - *Sandeep Akkaraju, Co-Founder and CEO, Exo Imaging*; - *Fabien Beckers, Co-Founder & CEO, Arterys*; - *Alex Flores, Director Medical Imaging, Health & Life Sciences, Intel Corporation*; - *Eric King, Investment Director, Health & Life Sciences, Intel Capital*

CME

This course does not offer CME credit.

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CS42

Reimagining Healthcare: Partnering for a Better Future: Presented by Microsoft

Wednesday, Dec. 4 9:00AM - 10:30AM Room: S102AB

Participants

Gregory J. Moore, MD, PhD, Redmond, WA (*Presenter*) Nothing to Disclose

PROGRAM INFORMATION

Join us to discover how Microsoft is working with the leaders in medical imaging to reimagine a better future. Together we are enabling and empowering providers to build a trusted, reliable imaging platform, safely manage patient data, and extract insights from the data to improve patient care. Along with our partners and customers, Dr. Gregory Moore, neuroradiologist and Microsoft corporate vice president of health technology and alliances, will showcase cutting edge solutions in quantum computing, mixed reality, and ambient intelligence as we discuss the future of medical imaging.

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VW126

Experience Contrast Enhanced Mammography with SenoBright HD: Presented by GE Healthcare

Wednesday, Dec. 4 10:00AM - 5:00PM Room: South Building, Booth 5140

Program Information

Join us for an immersive journey with Contrast Enhanced Mammography and learn how this imaging tool can enhance your practice and where the future lies. Tours are every 15 minutes. **Seats are limited to 10 people per experience session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW130

MyWaitingRoom: Presented by GE Healthcare

Wednesday, Dec. 4 10:00AM - 5:00PM Room: South Building, Booth 5140

Participants

Cecilia Olsson, Wauwatosa, WI (*Presenter*) Nothing to Disclose

Program Information

Share a moment with a patient advocate in MyWaitingRoom. Sense and experience the importance of the waiting room and equip yourself with new ideas to personalize this space, and arm patients with education, comfort and an ideal experience during their breast care journey. *Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW54

AI-based Decision Support for Diagnostic Breast Ultrasound: Presented by GE Healthcare

Wednesday, Dec. 4 10:00AM - 10:30AM Room: South Building, Booth 5135

Participants

Michael Washburn, MS, Wauwatosa, WI (*Presenter*) Nothing to Disclose

Program Information

Clinicians can interpret up to one in three cases differently. How can they reduce variability in BI-RADS categorization to achieve greater consistency and confidence in the decision-making process? This new proprietary algorithm automatically classifies user-selected region(s) of interest (ROIs) containing a breast lesion into four BI-RADS-aligned categories (Benign, Probably Benign, Suspicious, Probably Malignant), and displays a continuous graphical confidence level indicator of where the lesion falls across all categories. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW04

AI-based Mammography Reading: Self-guided Reading Session: Presented by Siemens Healthineers

Wednesday, Dec. 4 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

You will learn about the benefits of the AI-based Transpara™* decision-support tool from ScreenPoint Medical. It has been integrated with the advanced visualization software syngo. Breast Care* to support 2D and 3D mammography reading. Together, they provide interactive decision support with an overall exam score to help prioritize reading. *syngo.Breast Care VB40 and Transpara™ for 3D are currently under development; they are not for sale in the U.S. Their future availability cannot be guaranteed. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW08

50° Wide-angle Tomosynthesis and Contrast-enhanced Mammography Self-guided Reading Sessions: Presented by Siemens Healthineers

Wednesday, Dec. 4 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

You are invited to our self-guided reading sessions. With *syngo*.Breast Care workstations configured especially to allow you to work at your own place at a time that suits you! A series of breast tomosynthesis and contrast enhanced mammography cases presented as challenging cases with a solution enables you to develop and test your reading skills. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW11

Automated Breast Volume Scanner (ABVS) Self-guided Reading Sessions: Presented by Siemens Healthineers

Wednesday, Dec. 4 10:15AM - 5:00PM Room: North Building, Booth 8563

Program Information

With *syngo*.Ultrasound Breast Analysis (sUSBA) software, self-guided reading sessions with real clinical cases will enable you to become familiar with the coronal plane while providing practical approaches to interpretation of 3D automated breast ultrasound. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW27

A Practical Approach to Breast Magnetic Resonance Imaging (MRI) Interpretation: An Interactive Session: Presented by Siemens Healthineers

Wednesday, Dec. 4 10:15AM - 11:25AM Room: North Building, Booth 8563

Participants

Susan Weinstein, MD, Philadelphia, PA (*Presenter*) Nothing to Disclose

Program Information

This interactive session will include both didactic and hands-on case review at workstations equipped with *syngo*. MR Brevis. A practical approach to breast MRI interpretation will be discussed as well as utilizing the available sequences and techniques to improve interpretive skills. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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AI41

AI Theater: How the Winning Algorithm of the DREAM Challenge Will Help You Screen Breast Cancer Earlier and More Accurately: Presented by Therapixel

Wednesday, Dec. 4 10:30AM - 10:50AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Pierre Fillard, PhD, Yvette, France (*Presenter*) Nothing to Disclose

Program Information

Our passionate team transformed the winning algorithm of the 2017 DREAM challenge in excellent product. Not only we have improved it, but also provided the best possible user experience to ensure patients fully benefit from AI-driven technology.

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HW41

AI Hands-on Workshop: GE Healthcare's Edison Developer Program Hands-on Workshop: Presented by GE Healthcare

Wednesday, Dec. 4 10:30AM - 11:50AM Room: AI Showcase, North Building, Level 2, Booth 11536

Participants

Karley Yoder, Wauwatosa, WI (*Presenter*) Nothing to Disclose
Abby Pandya, Wauwatosa, WI (*Presenter*) Nothing to Disclose

Program Information

Are you an ISV or developer with an exciting new AI solution? In this 90-minute workshop, you'll gain the knowledge needed to seamlessly move through product partnership, increasing your market reach to radiologists and helping improve patient care! We will start with a dockerized model, conform to GE API guidance, submit for integration onboarding, and deploy for consumption. You'll also learn more about GE Healthcare's Edison Developer Program. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<https://ge.cvent.com/c/express/aa999306-6d60-423b-ac69-84923bb2ee7f>

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IN07

Innovation Theater Presentations

Wednesday, Dec. 4 10:30AM - 12:00PM Room: South Hall, Level 3, Booth 4700

Program Information

Every day the Innovation Theater will host 20-minute presentations featuring the latest product launches and exciting news from industry leaders. Click on each presentation title to see the exact time it starts. You can see all presentation titles, dates and times in this program or by visiting the Theater in the South Exhibit Hall, Level 3. Morning presentations begin at 10:30 AM and end at 12 PM Noon. Afternoon presentations are held from 2:00 to 4:00 PM.

Sub-Events

IN07A **Why Private Equity is Interested in Your Business: Presented by UBS Financial & KPMG Corporate Finance**

Wednesday, Dec. 4 10:30AM - 10:50AM Room: South Hall, Level 3, Booth 4700

IN07B **Weight-bearing CT: Total Lower Limb Imaging: Presented by CurveBeam**

Wednesday, Dec. 4 11:00AM - 11:20AM Room: South Hall, Level 3, Booth 4700

IN07C **Empowered by AI: The Dollars and Sense of AI for Radiology: Presented by CureMetrix**

Wednesday, Dec. 4 11:30AM - 11:50AM Room: South Hall, Level 3, Booth 4700

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VW103

From Diagnostic Use to Treatment Planning: How CESM Can Impact Patient Care: Presented by GE Healthcare

Wednesday, Dec. 4 10:30AM - 11:00AM Room: South Building, Booth 5140

Participants

Anat Kornecki, MD, London, ON (*Presenter*) Nothing to Disclose

Program Information

Review real CESM cases that have impacted next steps and treatment planning for patients. Review cases and discuss how CESM could make an impact on your patient's care with practicing clinicians. **Seats are limited to 10 people per hands-on-workshop. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW76

Increase Confidence and Improve Workflow Efficiencies with High Resolution Imaging Technology: Presented by Hologic, Inc.

Wednesday, Dec. 4 10:30AM - 11:45AM Room: South Building, Booth 5119

Participants

Linda R. Greer, MD, Phoenix, AZ (*Presenter*) Nothing to Disclose

Program Information

Discover how transitioning to Clarity HD® high-resolution imaging with Intelligent 2D® synthesized 2D images and 3DQuorum® may increase reading confidence, improve workflow efficiency while decreasing patient dose. The session includes high-resolution images with 3DQuorum® for attendees to view during the hands-on case-review. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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VW96

Integrating Tomosynthesis into your Breast Imaging Practice: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Wednesday, Dec. 4 10:30AM - 11:30AM Room: South Building, Booth 5147

Participants

Laurie L. Fajardo, MD,MBA, Park City, UT (*Presenter*) Consultant, Hologic, Inc; Consultant, FUJIFILM Holdings Corporation;

Program Information

This educational program provides an opportunity to learn about the benefits of Digital Breast Tomosynthesis (DBT) for detecting / diagnosing breast cancer, and the interpretation and workflow considerations for implementing DBT into a breast imaging practice. During this session, there will be a review of various DBT system designs, recent technology improvements, future developments, evidence of DBT clinical performance improvements / metrics, and a presentation on challenging lesions and pathologies.

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AI42

AI Theater: Implementing AI in Clinical Practice - When Technology Hits Reality: Presented by Aidence

Wednesday, Dec. 4 11:00AM - 11:20AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Jeroen Van Duffelen, Amsterdam, Netherlands (*Presenter*) Nothing to Disclose

Program Information

The hype around AI is slowly fading and leaving room for the first AI solutions that create value in clinical practice. After a year of successful implementations, Jeroen van Duffelen will share our insights from real-world experience. This talk will deliver actionable insights to radiologists that want to successfully take the leap to getting AI in their practice; from aligning the stakeholders that will drive change, to improving products based on your feedback. Join us for the talk, or visit our booth #10103 (AI showcase section, facing the escalators).

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VW55

Introduction to 3D ABUS Screening Workshop: Presented by GE Healthcare

Wednesday, Dec. 4 11:00AM - 12:00PM Room: South Building, Booth 5135

Participants

Kristina L. Jong, MD, Santa Barbara, CA (*Presenter*) Nothing to Disclose

Program Information

Kristina Jong, MD, Global Peer Educator, leads this introductory hands-on, interactive, Invenia 3D ABUS (automated breast ultrasound) Workshop. Attendees will review clinical cases on the Invenia™ Viewer and learn how 3D ABUS screening helps increase cancer detection in women with dense breast tissue. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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AI43

AI Theater: Hitting the Bull's AI in Neuroradiology: Unlocking Value from Workflow to Patient: Presented by icometrix

Wednesday, Dec. 4 11:30AM - 11:50AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Wim van Hecke, PhD, Edegem, Belgium (*Presenter*) Officer, icometrix Co-founder, icometrix
Dirk Smeets, PhD, Leuven, Belgium (*Presenter*) Officer, icoMetrix NV

Program Information

The future based on AI is already here. icobrain combines the power of the Cloud and AI to bring brain quantification for MR and CT to daily clinical practice for (neuro)radiologists. Find out how cloud-based AI tools can change your patient care and can impact the speed, accuracy, and consistency of your radiological reading.

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VW119

Demystifying the Technologist Role in CESM: Presented by GE Healthcare

Wednesday, Dec. 4 11:30AM - 12:00PM Room: South Building, Booth 5140

Participants

Cynthia Thornton, New York, NY (*Presenter*) Nothing to Disclose

Program Information

Come learn from a seasoned mammography technologist about the ins and outs of implementing CESM in a Mammography Practice and the crucial role Technologists play. Hear about challenges as well as best practices being implemented. **Seats are limited to 10 people per scientific session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW28

More Confidence in Tomosynthesis Reading with Synthetic 2D Reading Session: Presented by Siemens Healthineers

Wednesday, Dec. 4 11:40AM - 12:50PM Room: North Building, Booth 8563

Participants

Chantal van Ongeval, MD, Leuven, Belgium (*Presenter*) Nothing to Disclose

Program Information

During this workshop you will get to experience the value that Synthetic 2D mammography (Insight 2D) can bring to tomosynthesis reading. An expert tutor will lead you through cases that will both fascinate and challenge you! All cases have been acquired with Siemens Healthineers latest 50° Wide-Angle system MAMMOMAT Revelation and are displayed on our syngo. Breast Care workstations. So you will become familiar with the value of 50° Wide-Angle Tomosynthesis and ease of use of our systems. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW97

Ongoing Measures against Breast Density Issues on Screening Mammography in Japan: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Wednesday, Dec. 4 11:40AM - 12:10PM Room: South Building, Booth 5147

Participants

Takayoshi Uematsu, MD, PhD, Nagaizumi, Japan (*Presenter*) Nothing to Disclose

Program Information

Mammography is the only breast cancer screening test that has been proven to reduce the mortality all over the world. However, the sensitivity is inversely proportional to breast density. As FDA proposes adding breast density reporting to MQSA, the Japanese mass media is making breast density issues a hot topic in screening mammography. This session will discuss Japan's breast cancer screening programs and its ongoing measures against breast density.

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AI44

AI Theater: AI and the Everyday Radiologist: Embracing the Possibilities While Avoiding the Pitfalls: Presented by TeraRecon

Wednesday, Dec. 4 12:00PM - 12:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Joseph J. Blake, MD, Kettering, OH (*Presenter*) Nothing to Disclose

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VW77

Clinical Perspective on 3D™ Guided Breast Biopsy and Real-Time Specimen Imaging: Presented by Hologic, Inc.

Wednesday, Dec. 4 12:15PM - 1:30PM Room: South Building, Booth 5119

Participants

Debbie L. Bennett, MD, Saint Louis, MO (*Presenter*) Advisory Board, Devicor Medical Products, Inc; Speaker, Hologic, Inc

Program Information

This experienced Radiologist's presentation and demonstration focuses on 3D™ guided breast biopsy and real-time specimen imaging. Come for a hands-on experience utilizing the Affirm® Prone Biopsy and Brevera® Systems. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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VW98

DBT: Why Another Technology to Detect the Same Disease?: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Wednesday, Dec. 4 12:20PM - 1:20PM Room: South Building, Booth 5147

Participants

Shilpa V. Lad, MD, Ottawa, ON (*Presenter*) Faculty, C. R. Bard, Inc; Faculty, FUJIFILM Holdings Corporation

Program Information

Through a hands-on review of 2D as well as 3D Tomosynthesis images in screening and diagnostic cases, this workshop will highlight the signs of benign as well as malignant breast lesions seen on 3D Tomosynthesis where 2D mammograms were equivocal or negative. This workshop will also demonstrate synthetic 2D images have the potential to replace 2D mammograms for dose reduction, and introduce cases using Contrast Enhanced Mammography to highlight the importance of cost-effective functional imaging as a problem solving tool.

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AI45

AI Theater: Making Ultrasound More Efficient with Real-time AI in the Clinic: Presented by Intelligent Ultrasound North America, Inc.

Wednesday, Dec. 4 12:30PM - 12:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Nicholas Sleep, Cardiff, United Kingdom (*Presenter*) Employee, Intelligent Ultrasound Ltd

Program Information

We will demonstrate real-time AI that supports ultrasound scanning in the clinic by automatically capturing protocol-adherent images and by highlighting clinically relevant anatomical structures. The effect on clinical workflow will also be discussed.

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LL32

Lunch and Learn: Radiology and Artificial Intelligence in Developing Countries: Presented by TeraRecon, Penn Radiology and Rad AID (RSVP-required)

Wednesday, Dec. 4 12:30PM - 1:30PM Room: S404AB

Participants

Jeffrey Sorenson, Foster City, CA (*Presenter*) Nothing to Disclose
Saurabh Jha, MD, Philadelphia, PA (*Presenter*) Speakers Bureau, Canon Medical Systems Corporation
Ajay Kohli, MD, Philadelphia, PA (*Presenter*) Nothing to Disclose

Program Information

Join AI enthusiasts and your clinical peers for an interactive luncheon session @RSNA2019, where a global panel will discuss Radiology and Artificial Intelligence in Developing Countries. Moderated by Saurabh Jha, MD with host, Ajay Kohli, MD (Penn Radiology) and featuring a respected group of business leaders and physician panelists, we will discuss how AI may improve access to radiology in resource-deprived countries, and the power of partnership between academia, industry, non profit organizations, and local government. Co sponsored by: Vida, Imbio, Densitas, Riverain, Image Biopsy Lab and Infervision. *RSVP is required; adding this session to your agenda does not secure your seat in this session.*

RSVP

<https://www.eventbrite.com/e/radiology-and-ai-in-developing-countries-lunch-learn-at-rsna19-tickets-80905744259>

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VW56

Practice Guidelines for ABUS, Automated Breast Ultrasound: Presented by GE Healthcare

Wednesday, Dec. 4 12:30PM - 1:00PM Room: South Building, Booth 5135

Participants

Georgia Giakoumis-Spear, MD, Evanston, IL (*Presenter*) Nothing to Disclose

Program Information

In changing times of FDA legislative mandates and informed patients, learn how Invenia ABUS proves to be a true, effective adjunctive screening tool for detection of breast cancer in women with dense breast tissue. Clinical relevance, practice guidelines and how to successfully implement ABUS into clinical practice will be reviewed. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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AI46

AI Theater: Building Blocks of an AI Ecosystem: Presented by IBM Watson Health

Wednesday, Dec. 4 1:00PM - 1:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Julie Pekarek, Chicago, IL (*Presenter*) Nothing to Disclose
Danielle MacLean, Chicago, IL (*Presenter*) Nothing to Disclose
Arun Krishnan, Chicago, IL (*Presenter*) Nothing to Disclose

Program Information

Because of an explosion of health information in the form of patient records and images, breakthroughs in genomics, population health data and a steady stream of new studies and journal articles, healthcare providers are drowning in data. But deep learning AI systems thrive on data - the more they're given, the better they perform. A well-designed AI solution not only is compatible with existing infrastructure and workflows - causing minimal need for extra resources or disruption - but can help organizations utilize their existing systems more effectively. The near-term potential of AI is to build a safety net that lets us identify the high-value signals that might otherwise be missed. Longer term, the technology has the potential to revolutionize precision medicine and improve patient care. Make no mistake, a lot still needs to happen before that long-term promise is fulfilled. But many of the critical building blocks are already in place today. With the capability to ingest large amounts of data, "see" hidden findings and fit into existing workflows, AI has great potential to help healthcare organizations achieve their central aim: improving quality of care. By carefully nurturing this technology, partnering with healthcare providers around the world to train and test it, and aiming for consistent improvements in workflow processes, we are putting the pieces in place that will enable a real, sustainable revolution in healthcare.

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CS44

RSNA 2019 Startup Showcase Spotlight

Wednesday, Dec. 4 1:00PM - 2:30PM Room: S101AB

PROGRAM INFORMATION

Profiles emerging companies from RSNA's Startup Showcase giving startups an opportunity to tell their stories and give insights into some of the world's most promising technologies. Moderated by MATTER.

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VW29

The Benefits of 50° Wide-angle Tomosynthesis: Presented by Siemens Healthineers

Wednesday, Dec. 4 1:05PM - 2:15PM Room: North Building, Booth 8563

Participants

Steven J. Saulsbury, MD, Le Mars, IA (*Presenter*) Nothing to Disclose

Program Information

During this hands-on workshop, you will learn more about evaluating breast tomosynthesis data. A reading expert will guide you through cases that will both fascinate and challenge you! All cases have been acquired with Siemens Healthineers 50° Wide-Angle Tomosynthesis technology and can be read on our advanced visualization software syngo. Breast Care. You will become familiar with the value of 50° Wide-Angle Tomosynthesis images and the ease-of-use of our reading solutions. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

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AI47

AI Theater: iCAD's Advancements in Mammography for Cancer Detection and Risk Prediction: Presented by iCAD, Inc.

Wednesday, Dec. 4 1:30PM - 1:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Senthil Periaswamy, PhD, Nashua, NH (*Presenter*) Vice President, iCAD, Inc

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VW57

Advanced 3D ABUS Reading Workshop: Interesting Cases: Presented by GE Healthcare

Wednesday, Dec. 4 1:30PM - 2:30PM Room: South Building, Booth 5135

Participants

Lisa R. Stempel, MD, Chicago, IL (*Presenter*) Nothing to Disclose

Program Information

Interesting cases will be shared in this advanced hands-on, interactive Invenia ABUS (automated breast ultrasound) Workshop. Learn more about the unexpected benefits - beyond screening - of implementing ABUS into your clinical practice. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW99

Fujifilm's Breast Biopsy Solutions: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Wednesday, Dec. 4 1:30PM - 2:30PM Room: South Building, Booth 5147

Participants

Shilpa V. Lad, MD, Ottawa, ON (*Presenter*) Faculty, C. R. Bard, Inc; Faculty, FUJIFILM Holdings Corporation

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3D47

Presentation by RSNA 3D Printing Special Interest Group

Wednesday, Dec. 4 2:00PM - 3:00PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Allan Noordvyk, BSC, Richmond, BC (*Presenter*) Employee, McKesson Corporation
Justin R. Ryan, PhD, San Diego, CA (*Presenter*) Nothing to Disclose
Michael W. Itagaki, MD, MBA, Lynnwood, WA (*Presenter*) Stockholder, Embodi3D, LLC
Amy E. Alexander, MSc, Rochester, MN (*Presenter*) Nothing to Disclose

Sub-Events

3D47A Considerations in Starting a 3D Printing Lab: Panel Discussion

Wednesday, Dec. 4 2:00PM - 2:15PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

3D47B Updates on DICOM Standards for 3D Printing Files

Wednesday, Dec. 4 2:15PM - 2:30PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Allan Noordvyk, BSC, Richmond, BC (*Presenter*) Employee, McKesson Corporation
Justin R. Ryan, PhD, San Diego, CA (*Presenter*) Nothing to Disclose

3D47C 3D Printing in Angiography Practice

Wednesday, Dec. 4 2:30PM - 2:45PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Michael W. Itagaki, MD, MBA, Lynnwood, WA (*Presenter*) Stockholder, Embodi3D, LLC

3D47D Creation of Osteotomy Guides

Wednesday, Dec. 4 2:45PM - 3:00PM Room: 3D Printing and Advanced Visualization Theater, North Building, Level 3, Booth 6563

Participants

Amy E. Alexander, MSc, Rochester, MN (*Presenter*) Nothing to Disclose

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AI48

AI Theater: Advances in AI Guided Scanning: Presented by HeartVista, Inc.

Wednesday, Dec. 4 2:00PM - 2:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Bob Hu, MD, Los Altos, CA (*Presenter*) Nothing to Disclose

Program Information

ONE CLICK MRI: THE FUTURE OF IMAGING IS HERE HeartVista provides the first and only AI-assisted cardiac MRI solution. HeartVista's FDA cleared software integrates seamlessly with existing MRI scanners and uses artificial intelligence to guide scans. With a single click, HeartVista's software can aid the performance of a complete cardiac exam. HeartVista's software can also reduce the number of breath holds required for a scan, thus increasing access for individuals with health constraints and reducing discomfort. Clinicians can remotely monitor exams in real-time. Technologists can perform scans with confidence and reliability. In addition, HeartVista's AI-driven RTHawk Research software-development platform enables researchers to create pulse sequences, implement advanced reconstruction algorithms, integrate with third-party devices, design image-processing pipelines and incorporate custom deep learning models directly into the processing pipeline. About HeartVista Inc. HeartVista is the leader in AI-guided MRI solutions designed to significantly increase the efficiency and reliability of medical imaging for all healthcare stakeholders through Artificial Intelligence. Its innovative MRI technology originated in Stanford University's Magnetic Resonance Systems Research Laboratory (MRSRL). The company is funded by Small Business Innovation Research (SBIR) from the National Institute of Health (NIH) and by Khosla Ventures. For more information, visit www.heartvista.ai

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IN08

Innovation Theater Presentations

Wednesday, Dec. 4 2:00PM - 4:00PM Room: South Hall, Level 3, Booth 4700

Program Information

Every day the Innovation Theater will host 20-minute presentations featuring the latest product launches and exciting news from industry leaders. Click on each presentation title to see the exact time it starts. You can see all presentation titles, dates and times in this program or by visiting the Theater in the South Exhibit Hall, Level 3. Morning presentations begin at 10:30 AM and end at 12 PM Noon. Afternoon presentations are held from 2:00 to 4:00 PM.

Sub-Events

IN08A **Mapping Capillary Function and Integrity for Unparalleled Perfusion Imaging: Presented by Cercare Medical**

Wednesday, Dec. 4 2:00PM - 2:20PM Room: South Hall, Level 3, Booth 4700

IN08B **Practical Applications of AI - Showing Value Across Time-sensitive Pathologies and Time-consuming Tasks: Presented by Aidoc**

Wednesday, Dec. 4 2:30PM - 2:50PM Room: South Hall, Level 3, Booth 4700

IN08C **Achieving Vendor Neutral DATA: Presented by Laitek, Inc.**

Wednesday, Dec. 4 3:00PM - 3:20PM Room: South Hall, Level 3, Booth 4700

IN08D **AI-Powered Diagnostic Decision Support Using Volumetric Biomarkers and Non-Imaging Patient Data: Presented by CorTechs Labs**

Wednesday, Dec. 4 3:30PM - 3:50PM Room: South Hall, Level 3, Booth 4700

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VW78

A Revolution in Localization: Presented by Hologic, Inc.

Wednesday, Dec. 4 2:00PM - 3:15PM Room: South Building, Booth 5119

Participants

Mehran Habibi, Baltimore, MD (*Presenter*) Nothing to Disclose

Lisa A. Mullen, MD, Cockeysville, MD (*Presenter*) Nothing to Disclose

Program Information

Learn from both an experienced radiologist and surgeon as they provide an overview of traditional and new localization options for patients undergoing Breast Conserving Surgery (lumpectomy) or excisional biopsy. Their knowledgeable discussion followed by hands-on experience for attendees will review the benefits of various wire and non-wire localization technologies focusing on ways to improve workflow. The hands-on portion includes phantom-placement techniques, demonstrating multiple, innovative technologies including LOCALizer™ and Viera™. *Adding this session to your agenda does not secure your seat in this session. Secure your seat onsite by visiting Hologic's Workshop Room # 5119 in the South Hall.*

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AI49

AI Theater: Deep Learning in Radiology: How Do We Do It? Q&A/Follow-up

Wednesday, Dec. 4 2:30PM - 3:30PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Curtis P. Langlotz, MD, PhD, Menlo Park, CA (*Presenter*) Stockholder, Nines.ai; Advisory Board, Nines.ai; Stockholder, whiterabbit.ai; Advisory Board, whiterabbit.ai; Stockholder, Galileo CDS, Inc; Advisory Board, Galileo CDS, Inc; Stockholder, Bunker Hill, Inc; Board of Directors, Bunker Hill, Inc; Research Grant, General Electric Company; Research Grant, Siemens AG; Research Grant, Koninklijke Philips NV; Research Grant, Alphabet Inc
Luciano M. Prevedello, MD, MPH, Dublin, OH (*Presenter*) Nothing to Disclose

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VW120

Demystifying the Technologist Role in CESM: Presented by GE Healthcare

Wednesday, Dec. 4 2:30PM - 3:00PM Room: South Building, Booth 5140

Participants

Cynthia Thornton, New York, NY (*Presenter*) Nothing to Disclose

Program Information

Come learn from a seasoned mammography technologist about the ins and outs of implementing CESM in a Mammography Practice and the crucial role Technologists play. Hear about challenges as well as best practices being implemented. **Seats are limited to 10 people per scientific session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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VW30

Live Presentation: Three-dimensional Automated Breast US (Ultrasound): Facts and Artifacts: Presented by Siemens Healthineers

Wednesday, Dec. 4 2:30PM - 3:40PM Room: North Building, Booth 8563

Participants

Ingolf Karst, MD, Chicago, IL (*Presenter*) Nothing to Disclose

Program Information

Ingolf Karst, MD, PhD, MA, author of Three-dimensional Automated Breast US: Facts and Artifacts, presents a methodical approach to recognizing AB US artifacts and their causes; analyzing shadowing; differentiating artifact from true abnormality; and reviewing characteristic patterns and basic techniques to resolve artifacts. Learn how to apply these methods to help reduce preventable false-positive recommendations and increase efficiency in automated breast ultrasound image interpretation. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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VW100

Imaging of Triple-negative Breast Cancer: Presented by FUJIFILM Medical Systems U.S.A., Inc.

Wednesday, Dec. 4 2:50PM - 3:50PM Room: South Building, Booth 5147

Participants

Jessica W. Leung, MD, Houston, TX (*Presenter*) Scientific Advisory Board, Subtle Medical

Program Information

Triple negative breast cancer is defined as invasive cancer that is ER, PR, and HER2 negative. This is a biologically aggressive cancer that (currently) cannot be treated with targeted therapy. It disproportionately affects young women and is associated with BRCA-1 gene mutation. At mammography, ultrasound, and MRI, this cancer typically appears as a round or oval mass. It has a poor prognosis, at least in part due to early visceral metastases. In this lecture, the molecular, clinical, and imaging features of triple negative breast cancer will be discussed.

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VW58

ABUS in China: Progress on the Multicenter Study: Presented by GE Healthcare

Wednesday, Dec. 4 3:00PM - 3:30PM Room: South Building, Booth 5135

Participants

Mengmeng Jia, Beijing, China (*Presenter*) Research support, General Electric Company

Program Information

A multicenter hospital-based study was conducted in China to evaluate the diagnostic performance of automated breast ultrasound system (ABUS) for breast cancer diagnosis, by comparing with hand-held ultrasound and mammography. Based on the promising results from this study, a screening study was proposed. In this lecture, the speaker will introduce the results of the diagnostic study, and report the progress of the ongoing screening project. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW31

Automated Breast Volume Scanner (ABVS) Physician Training Workshop: Improve Your Knowledge of the User Interface: Presented by Siemens Healthineers

Wednesday, Dec. 4 3:50PM - 5:00PM Room: North Building, Booth 8563

Participants

Jacqueline A. Bailey, ARRT , San Jose, CA (*Presenter*) Nothing to Disclose

Program Information

During this hands-on workshop led by Siemens Healthineers, you will learn how all the tips and tricks of the *syngo*®. Ultrasound Breast Analysis (sUSBA) software user interface. Active participation with real clinical cases will enable you to become more efficient and confident with the reading tools. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

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VW101

DBT Based on Clinical Evidence (Session in SPANISH): Presented by FUJIFILM Medical Systems U.S.A., Inc.

Wednesday, Dec. 4 4:00PM - 5:00PM Room: South Building, Booth 5147

Participants

Javier A. Romero, MD, Bogota, Colombia (*Presenter*) Speakers Bureau, Novartis AG Speakers Bureau, Bristol-Myers Squibb Company

Program Information

Desde su aprobación por FDA en 2011, las publicaciones sobre los beneficios de la tomosíntesis son sustanciales. El incremento en la detección de cáncer invasivo y la disminución en el rellamado han sido suficientemente evaluados, además su aplicación en evaluación de asimetrías, distorsiones de la arquitectura mamaria, evaluación de masas, localización de lesiones, disminución en proyecciones adicionales tienen gran impacto en la práctica diaria. Revisaremos casos de estas aplicaciones y revisión de la literatura.

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VW59

Advancing Breast Care Globally with ABUS through Clinical Research: Presented by GE Healthcare

Wednesday, Dec. 4 4:00PM - 5:00PM Room: South Building, Booth 5135

Participants

Tanya M. Carrillo, BA, Wauwatosa, WI (*Moderator*) Nothing to Disclose

Georgia Giakoumis-Spear, MD, Evanston, IL (*Presenter*) Nothing to Disclose

Robert M. Nishikawa, PhD, Pittsburgh, PA (*Presenter*) Royalties, Hologic, Inc; Research Grant, Hologic, Inc; Research Consultant, iCAD, Inc; Research Grant, Koios Medical; Research Grant, General Electric Company

Nisha Sharma, MBChB, Leeds, United Kingdom (*Presenter*) Nothing to Disclose

Mengmeng Jia, Beijing, China (*Presenter*) Research support, General Electric Company

Program Information

This session will provide an overview of current GE ABUS research projects. Participants will have an opportunity to hear from current research principal investigators (PI) who will discuss their study objectives and status of their respective projects including: Implementation of Invenia ABUS (Automated Whole Breast Ultrasound) at NorthShore University HealthSystem, A prospective study evaluating efficacy of ABUS as an adjunctive screening modality for the detection of breast cancer, The Effect of Priors on the Recall Rate in Breast Cancer, The Effect of Priors on the Recall Rate in Breast Cancer Screening with Invenia, Role of ABUS as an alternative to breast MRI in assessing response to neoadjuvant chemotherapy, and Exploration on the possibility of applying Automated Breast Ultrasound System (ABUS) to population-based breast cancer screening. There will also be a discussion concerning the current challenges in breast care that use of ABUS may help solve as well as adoption opportunities. Opportunities for participation in GE Sponsored Research projects will also be reviewed. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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VW121

Demystifying the Technologist Role in CESM: Presented by GE Healthcare

Wednesday, Dec. 4 4:30PM - 5:00PM Room: South Building, Booth 5140

Program Information

Come learn from a seasoned mammography technologist about the ins and outs of implementing CESM in a Mammography Practice and the crucial role Technologists play. Hear about challenges as well as best practices being implemented. **Seats are limited to 10 people per scientific session. Sessions listed may include discussions of product uses or technologies in development which are not cleared or approved by the FDA and may be limited by US law to investigational use. Any questions regarding these sessions should be directed to the appropriate GE Healthcare research or medical affairs manager. **RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.***

RSVP

<https://ge.cvent.com/events/personalized-breast-care-senobright-experience-rsna-2019-/registration-18cc5ae8011546d081453df3deae396.aspx?fqp=true>

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IN18

Innovation Theater Entertainment - Acoustic Artist: Jim Perona

Thursday, Dec. 5 10:00AM - 12:00PM Room: South Hall, Level 3, Booth 4700

PROGRAM INFORMATION

Relax in the Innovation Theater as Jim Perona plays acoustic guitar from a repertoire spanning over 500 years of music. Song selections span from the Renaissance, Baroque, Classical and Romantic eras as well as hits from the past 60 years like the Beatles and The Lumineers.

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VW32

AI-based Mammography Reading: Self-guided Reading Session: Presented by Siemens Healthineers

Thursday, Dec. 5 10:15AM - 2:00PM Room: North Building, Booth 8563

Program Information

You will learn about the benefits of the AI-based Transpara™* decision-support tool from ScreenPoint Medical. It has been integrated with the advanced visualization software *syngo*. Breast Care* to support 2D and 3D mammography reading. Together, they provide interactive decision support with an overall exam score to help prioritize reading. **syngo*.Breast Care VB40 and Transpara™ for 3D are currently under development; they are not for sale in the U.S. Their future availability cannot be guaranteed. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

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VW33

50° Wide-angle Tomosynthesis and Contrast-enhanced Mammography Self-guided Reading Sessions: Presented by Siemens Healthineers

Thursday, Dec. 5 10:15AM - 2:00PM Room: North Building, Booth 8563

Program Information

You are invited to our self-guided reading sessions. With *syngo*. Breast Care workstations configured especially to allow you to work at your own place at a time that suits you! A series of breast tomosynthesis and contrast enhanced mammography cases presented as challenging cases with a solution enables you to develop and test your reading skills. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP

<https://www.fairorg.de/Siemens-Healthineers/portal/workshop.cfm/rsna19/>

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AI51

AI Theater: The Economic Impact of AI on Mammography-The MD Anderson Experience: Presented by CureMetrix

Thursday, Dec. 5 10:30AM - 10:50AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Ray C. Mayo III, MD, Houston, TX (*Presenter*) Nothing to Disclose

Alyssa T. Watanabe, MD, Manhattan Beach, CA (*Presenter*) Consultant, CureMetrix, Inc

Program Information

Based on recently published studies by MD Anderson Cancer Center and CureMetrix this presentation will highlight how artificial intelligence (AI) has improved workflow, reduced false-positives and improved cancer detection to make a clinical and economic impact on the mammography practice.

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VW60

AI-based Decision Support for Diagnostic Breast Ultrasound: Presented by GE Healthcare

Thursday, Dec. 5 10:30AM - 11:00AM Room: South Building, Booth 5135

Participants

Michael Washburn, MS, Wauwatosa, WI (*Presenter*) Nothing to Disclose

Program Information

Clinicians can interpret up to one in three cases differently. How can they reduce variability in BI-RADS categorization to achieve greater consistency and confidence in the decision-making process? This new proprietary algorithm automatically classifies user-selected region(s) of interest (ROIs) containing a breast lesion into four BI-RADS-aligned categories (Benign, Probably Benign, Suspicious, Probably Malignant), and displays a continuous graphical confidence level indicator of where the lesion falls across all categories. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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AI52

AI Theater: Is AI Enough? From Research to Daily Practice for Better Patient Care in Stroke: Presented by Cercare Medical

Thursday, Dec. 5 11:00AM - 11:20AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Ronald J. Borra, MD, PhD, Turku, Finland (*Presenter*) Nothing to Disclose

Program Information

Artificial intelligence is a technology that opens up new horizons in many areas of our lives, especially radiology. However, machine learning on its own does not guarantee higher performance or precision. Cercare Medical uses AI as a tool to make the results of years of research available to doctors in their daily practice and support their life-changing decisions in acute ischemic stroke. Cercare Medical is a software company founded in 2013 as a spin-out of the Center of Functionally Integrative Neuroscience at Aarhus University, Denmark. Cercare Medical extends more than 10 years of research, led by Professor Leif Østergaard and Professor Kim Mouridsen, in neuroimaging and artificial intelligence. The Cercare Medical Neurosuite stroke solution provides automated, AI-powered oxygenation analysis, segmentation and quantification of brain tissue status for fast decision making in acute stroke. Note: Cercare Medical products are not commercially available for the U.S.

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AI53

AI Theater: Comprehensive Bioinformatics Platform for AI Research: Presented by Flywheel

Thursday, Dec. 5 11:30AM - 11:50AM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Travis Richardson, Minneapolis, MN (*Presenter*) Nothing to Disclose

Program Information

Preparing large volumes of medical imaging data is fundamental to imaging research efficiency and a building block of artificial intelligence (AI) research in radiology. However, research hospitals currently struggle with outdated imaging work processes, unable to efficiently access, search, curate, and organize increasingly large volumes of imaging data. Also, since efficient scaling is necessary for data-intensive applications, the associated training and computation of imaging data AI algorithms is also a challenge. As a result, time devoted to "doing science" is lost to IT-related imaging data processing issues and innovation is stalled. The partnership of bioinformatics company Flywheel (<https://flywheel.io/>) with Google addresses the challenges of imaging data research applications and AI development in clinical settings with an imaging data governance solution. Specifically, Flywheel's HIPAA-compliant platform efficiently captures multi-modality images and data, classifies the studies, and allows for collaboration with peers to manage metadata. Flywheel integrates with Google's Cloud Healthcare API streamlining access to clinical DICOM, FHIR, and HL7 data and transforming it into a scientific workflow, which addresses traditional PACS and VNAs clinical research limitations. For example, Flywheel's comprehensive training and test workflows support data-intensive imaging data research as well as building AI models via integration with Google's Cloud AutoML Vision API and Cloud ML engine. Further, Flywheel's capacity for scalable analysis of medical imaging metadata, biomarker data, and tabular data, including genomics, is supported via an integration with Google BigQuery, a fully-managed enterprise data warehouse for large-scale data analytics. As a result, the combined Flywheel/Google clinical research platform empowers greater productivity for clinical and academic researchers' data-intensive imaging research and AI build efforts, while maintaining regulatory and Institutional Review Board (IRB) compliance.

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VW61

Advancing Personalized Breast Care: Setting up the UK BRAID Trial: Presented by GE Healthcare

Thursday, Dec. 5 11:30AM - 12:00PM Room: South Building, Booth 5135

Participants

Fiona J. Gilbert, MD, Cambridge, United Kingdom (*Presenter*) Research Grant, Hologic, Inc; Research Grant, General Electric Company ; Research Consultant, Alphabet Inc; Research support, Bayer AG; Research collaboration, Volpara Health Technologies Limited

Program Information

Women with dense breasts have lower sensitivity compared to those women with fatty breasts and they also have an increased risk of developing breast cancer. Supplemental screening is recommended in some parts of Europe and the US. However, while it is clear that different techniques will pick up additional cancers, there has not been a comparison of which of these modalities is more appropriate. The BRAID trial is a randomized controlled trial to compare supplemental whole breast ultrasound with Contrast Enhanced Mammography and Abbreviated MRI. The outcome measures are cancer detection rate, size and types of cancers and recall rates of supplemental modality. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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AI54

AI Theater: ED Radiology Exam Wait Time Prediction: Presented by Philips Healthcare

Thursday, Dec. 5 12:00PM - 12:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

James J. Kazam, MD, New York, NY (*Presenter*) Nothing to Disclose
Keith D. Hentel, MD, MS, Briarcliff, NY (*Presenter*) Nothing to Disclose

Program Information

In this section, we will explore how we can use operational IT tools like the Performance Bridge from Philips to predict exam wait times in the ED and seek to improve operational efficiency for the hospital.

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AI55

AI Theater: AI-Powered Volumetrics to Improve Radiologist Efficiency and Accuracy: Presented by CorTechs Labs

Thursday, Dec. 5 12:30PM - 12:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Micki Maes, MS,RT, San Diego, CA (*Presenter*) Nothing to Disclose

Program Information

See how the most advanced artificial-intelligence-based method for automated MR image analysis delivers highly accurate and clinically relevant quantitative data for use in the diagnosis of brain diseases. The innovative solutions from CorTechs Labs are being used to reveal important volumetric biomarkers and improve the care of patients with neurological conditions, such as Alzheimer's disease, epilepsy, multiple sclerosis, and brain trauma. These fully automated clinical applications integrate seamlessly with existing workflow and provide valuable quantitative data to aid in differential diagnosis and track treatment efficacy when available.

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VW62

Automating Breast Ultrasound: A Live Experience: Presented by GE Healthcare

Thursday, Dec. 5 12:30PM - 1:00PM Room: South Building, Booth 5135

Participants

Kristina L. Jong, MD, Santa Barbara, CA (*Presenter*) Nothing to Disclose

Program Information

This session will cover the latest technological advancements in ABUS design and performance. Attendees will learn how improvements in workflow and image quality have the potential to increase cancer detection in women with dense breast tissue. *RSVP is required; adding this session to your agenda does not secure your seat in this session. Click the link below to RSVP.*

RSVP Link

<http://ge.cvent.com/events/ge-breast-health-advantage-workshop-rsna-2019-/event-summary-d271e6d32bb947418ff2cd821db4757e.aspx>

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AI56

AI Theater: Collaborative Medical AI Development: Presented by CuraCloud

Thursday, Dec. 5 1:00PM - 1:20PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Xiaoxiao Liu, PhD, Seattle, WA (*Presenter*) Employee, Kitware, Inc

Program Information

Deep learning technology and abundant medical data enable a spectrum of new CADe/x/t applications that can be deployed within the healthcare industry to improve care and reduce costs. However, bringing an AI algorithm to clinical usage involves more than cranking neural net models. It requires new forms of creative collaboration because of the important roles played by annotated data in AI modeling, API designing for clinical workflow integration, multi-site pilot studies. Clinical partnerships are fundamental in AI development to ensure the technology is clinically meaningful and can generate real clinical benefits. We will present our AI professional service offerings, sharing our collaboration experiences and software development methodologies on conducting collaborative AI development for healthcare organizations. Please join our discussion and visit us at booth 11119.

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AI57

AI Theater: mint Lesion™: Seeding Power Food for AI - How Every Radiological Read Can Contribute to an AI-powered Future: Presented by Mint Medical

Thursday, Dec. 5 1:30PM - 1:50PM Room: AI Showcase, North Building, Level 2, Booth 10724

Participants

Tobias Gottmann, Hamilton, NJ (*Presenter*) Nothing to Disclose

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