WELCOME!
WE’RE GLAD YOU’RE HERE!

TIMES LISTED ARE EASTERN STANDARD TIME (EST) AND ARE SUBJECT TO CHANGE.
ALL SESSIONS WILL HAVE LIVE TEXT CHATS AND CONCLUDE WITH LIVE Q & A.

CLICK HERE TO REGISTER.
ARTIFICIAL INTELLIGENCE WORKSHOP
ESSENTIALS FOR THE CLINICIAN
SATURDAY OCTOBER 10, 2020

10:00 - 11:30 AM
Evolution of AI and Clinical Applications

Welcome Introduction
Scott Reeder, MD, PhD, FSABI
Beth McFarland, MD, FSABI

Evolution and History of AI
Arun Krishnaraj, MD

Deep Learning: Nuts and Bolts
Bhavik Patel MD, MBA, FSABI

Upstream AI
Hersh Chandarana, MD

MSK Applications
Carrick Gold, MD, FSABI

Body Applications
Angela Tong, MD

Chest/CVI Applications
Carlo de Cecco, MD, FSABI

12:00 - 1:45 PM
Getting Involved In and Up To Speed with New AI Advances

Getting Started with Deep Learning
Martin Willemink, MD

Challenges with AI in Healthcare
Thomas Loehfelm, MD, PhD

AI Jargon
Linda Chu, MD

Clinical Workflow Integration
Ross Filice, MD

Current Landscape
Andrew Smith, MD, PhD, FSABI

On the Horizon
Akshay Chaudhari, MD

2:00 - 3:00 PM
Challenges and Opportunities for Implementation of AI Solutions into Clinical Practice: Panel Discussion

Neil Rofsky, MD, MHA, FSABI
Judy Yee, MD, FSABI
Tom Grist, MD, FSABI

Sponsors from IBM, Philips & Siemens

This panel discussion does not offer CME

Panel Discussion Sponsors:

IBM Watson Health
PHILIPS
SIEMENS Healthineers
10:00 - 12:15 PM
Scientific Sessions

Cutting-Edge Research Discussed in Short, Concise Presentations

12:45 – 1:00 PM
Welcome & Society Update

Scott Reeder, MD, PhD, FSABI, President
Beth McFarland, MD, FSABI, Program Chair

1:00 - 1:30 PM
Workshops

Histotripsy, the Next Big Thing For Imaging: What Radiologists Need to Know
Mishal Mendiratta-Lala, MD
Fred Lee, MD, FSABI

Everything You Were Afraid to Ask About CT Dose
Kalpana Kanal PhD, FSABI
Timothy Szczykutowicz, PhD

Enhancing Your Writing Skills For Successful Manuscripts
Reed Dunnick, MD, FSABI
Eric Tamm, MD, FSABI
Allen Elster, MD

How to Make Career Decisions
Matthew Davenport, MD, FSABI
Dushyant Sahani, MD, FSABI

1:45 - 2:15 PM
Three Pearls

Short Presentations of Educational Exhibits

1:45 – 2:15 PM
Workshops

Preparing Medical Imaging Data for Machine Learning
Martin Willemink, MD, PhD
Les Folio, MD, FSABI

Recruiting and Maintaining a Diverse Workforce
Tara Catanzano, MD, MB, Bch, BAO, FSABI
Jessica Robbins, MD

Lessons Learned from a Pandemic: Research, Clinical and Educational Operations
Jim Brink, MD, FSABI
Michael Recht, MD
Geoff Rubin, MD, MBA, FSABI

2:15 - 3:15 PM
Poster Presentations
CONFERENCE AGENDA
MONDAY OCTOBER 12, 2020

10:00 - 11:20 AM
Cardiothoracic

EVALI (E-Cigarette or Vaping Product Use-Associated Lung Injury)
Mark Schiebler, MD

Practical Quantitative CT for Obstructive & Interstitial Lung Disease
Jonathan Goldin, MbChb, PhD, FSABI

CT FFR for Coronary Disease: What’s the Fuss About?
Geoff Rubin, MD, MBA, FSABI

Imaging of Chronic Thromboembolic Pulmonary Hypertension (CTEPH) - What the Surgeon Needs to Know
Tammy Bang, MD

Quantitative Chest CT: Getting the Most Bang for Your Buck
Ella Kazerooni, MD, MS, FSABI

10:00 - 11:20 AM
Hepatobiliary & Pancreas

US For HCC: From Screening To Contrast-Enhanced Characterization
Ghaneh Fananapizir, MD, FSABI, David Fetzer, MD

Cost-Effectiveness Of HCC Screening Protocols: US, CT or MR
Amit Singal, MD

Treatment Response of Newer Therapies for Pancreatic Cancer
Bachir Taouli, MD

Cholangiocarcinoma: What the Surgeon Wants to Know
Motoyo Yano, MD, PhD

IPMN and Pancreatic Cysts: What to Follow
Rendon Nelson, MD, FSABI

11:30 – 12:00 PM
Workshops

Incidental Cardiothoracic Findings At Lung Cancer Screening CT- Significance And Management
Brett Carter, MD
Jared Christensen, MD, MBA

Bladder Cancer and Challenging Bladder Cases
Ayushi Gupta, MD
Albert Diaz DeLeon, MD

Transformational Leadership Through A Coaching Lens
Neil Rofsky, MD, MHA, FSABI,
Carolyn Wang, MD

11:30 - 12:00 PM
More Science

Cutting-Edge Research Discussed in Short, Concise Presentations
Elias Zerhouni, M.D., Professor Emeritus Radiology and Biomedical Engineering, Johns Hopkins University, Baltimore, Maryland, USA. Dr. Zerhouni was most recently the President, Global Research & Development, and a member of the Executive Committee for Sanofi from January 2011 to July 2018.

Dr. Zerhouni’s academic career was spent at the Johns Hopkins University and Hospital where he was a Professor of Radiology and Biomedical engineering and senior adviser for Johns Hopkins Medicine. He served as Chair of the Russell H. Morgan Department of Radiology and Radiological Sciences, Vice Dean for Research and Executive Vice Dean of the School of Medicine from 1996 to 2002 before his appointment as Director of the National Institutes of Health from 2002 to 2008. In that position he oversaw the NIH’s 27 Institutes and Centers with more than 18,000 employees and a budget of $29.5 billion (2008).

In November 2009, President Obama appointed Dr. Zerhouni as one of the first presidential U.S. science envoys. Dr. Zerhouni also served as senior fellow to the Bill and Melinda Gates foundation from 2009 to 2010 and senior advisor to the CEO of Sanofi.

Dr. Zerhouni has founded or co-founded five start-up companies, authored more than 200 publications and holds several patents. He has assumed positions on several Boards, including most recently, the board of the Lasker Foundation, Research America and the NIH Foundation. He is also a member of the U.S. National Academy of Medicine and the U.S. National Academy of Engineering. He received the prestigious Legion of Honor medal from the French National Order in 2008, and was elected in 2010 as a member of the French Academy of Medicine and appointed as Chair of Innovation at the College de France in 2011.
CONFERENCE AGENDA
MONDAY OCTOBER 12, 2020 (continued)

1:00 – 2:35 PM
Culture of Innovation: AI and Beyond

Presidential Lecture: Precision Medicine and the Future of Imaging
Elias Zerhouni, MD

Harnessing the Potential of Artificial Intelligence, Informatics and Analytics
Michael Recht, MD

AI For Population Health & Opportunistic Screening
Perry Pickhardt, MD

AI in Imaging: An Update
Andrew Smith, MD, PhD, FSABI

How Do I Evaluate AI Models?
Bhavik Patel, MD, MBA, FSABI

2:45 - 3:15 PM
Workshops

Bosniak Classification of Cystic Renal Masses v.2019: Case-Based
Stuart Silverman, MD
Nicole Hindman, MD, FSABI

How To Speak Across Generations
Sherry S. Wang, MBBS
Sonia Gupta, MD

Treating and Imaging LGBTQ Patients
Priyanka Jha, MBBS
Kristin Porter, MD, PhD

Life of PI-RADS: Prostate MR Clinical Case Review
Pranay Krishnan, MD
Jeffrey Weinreb, MD, FSABI

3:15 - 3:30 PM
Business Meeting (Members Only)

4:00 - 5:00 PM
Tumor Board

Multi-disciplinary Tumor Board Featuring Hepatobiliary and Colorectal Cases
Patrick Sullivan, MD, Amit Singal, MD, Priya Bhosale, MD, FSABI, Daniella Pinho, MD, Ken Cardona, MD

5:00 - 5:30 PM
Research Awards

2019 Gold Medalist, Dr. Weinreb
2019 Gold Medalist, Dr. Dunnick
## CONFERENCE AGENDA

**TUESDAY OCTOBER 13, 2020**

### 10:00 - 11:35 AM
**Innovations in CT**

- **Debate - Reality Check Pro-Con:** Has DECT Lived Up To its Potential?
  - Dushyant Sahani, MD, FSABI
  - Daniele Marin, MD, FSABI
  - Desiree Morgan, MD, FSABI
  - Meghan Lubner, MD

- **Quantitative Imaging With CT:** Tools To Use In Everyday Practice
  - Meghan Lubner, MD

- **Smart CT Solutions For Increased Scan and Dose Efficiency**
  - Daniele Marin, MD, FSABI

- **Deep Learning and CT:** Image Reconstruction and Beyond
  - Avinash Kambadakone, MD, DNB, FSABI

- **The Utility of Augmented Reality for Image-Guided Interventions**
  - Charles Martin III, MD

### 10:00 - 11:35 AM
**Pelvic MR, GYN & Prostate**

- **O-RADS**
  - Pamela Argiriadi, MD

- **Deeply Infiltrative Endometriosis**
  - Wendaline Van Buren, MD

- **PET/MR in GYN Malignancies**
  - Priya Bhosale, MD, FSABI

- **PI-RADS v2.1 Update**
  - Jurgen Futterer, MD, PhD, FSABI

- **Imaging of Recurrent Prostate CA**
  - Vikas Kundra, MD, PhD, FSABI

- **Groin Pain in Athletes**
  - Christopher Beaulieu, MD, PhD, FSABI

### 11:45 - 12:15 PM
**Even More Science!**

- Cutting-Edge Research Presentations
CONFERENCE AGENDA
TUESDAY OCTOBER 13, 2020 (continued)

11:45 - 12:15 PM
Workshops

Challenging HPB Cases from the AIRP and NYU
Maria Manning, MD
Sooah Kim, MD
Nancy Kim, MD

Updates in LI-RADS
Kathryn Fowler, MD
Claude Sirlin, MD, FSABI

O-RADS Case-Based Review
Pamela Argiriadi, MD
Genevieve Bennett, MD

1:00 - 1:55 PM
Post Pandemic: Health Care Inequities and Opportunities

Updates of COVID: Imaging and Inequalities
Ella Kazerooni, MD

Understanding Barriers to Guide Lung Cancer Screening Outreach for Underserved Populations
Efren Flores, MD

The Michigan Promise: Creating a Culture of Equity and Opportunity in Surgery...and Beyond
Erika Newman, MD

2:15 - 3:30 PM
GI Tract

Rectal MRI: Contrast Administration to National Accreditation
Gaurav Khatri, MD, FSABI

Multi-Energy CT of the Bowel
Benjamin Yeh, MD, FSABI

GI Tract Bleeding: Imaging Advances and Updates
Courtney Moreno, MD

CT Colonography: Making a Case for CTC Screening at 45
Kevin Chang, MD

CT /MR Enterography: Mucosal Healing in Crohn’s
Michael Gee, MD, PhD, FSABI

2:15 - 3:30 PM
Innovations in MR & Fast MR Protocols

PET/MRI: Practical Applications and Future Directions
Onofrio Catalano, MD

Compact Pediatric MR Protocols
Shreyas Vasanawala, MD, PhD, FSABI

Advances in MRI that Shorten Scan Time and Improve Efficiency
Hersh Chandarana, MD

Abbreviated MRI Protocols: Female Pelvis
Daniella Pinho, MD

Abbreviated MRI Protocols: Prostate
Sadhna Verma, MD

Abbreviated MRI Protocols: Abdomen
Mustafa Bashir, MD

Abbreviated MRI Protocols: Breast
Gaiane Rauch, MD, PhD, FSABI

Abbreviated MRI Protocols: Knee
Garry Gold, MD, FSABI

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Michael Gee, MD, PhD, FSABI
### 3:45 - 4:50 PM
**Body Composition: How to Get More Out of an Imaging Study**

- Imaging Dysbiosis: The Gut Microbiome in Abdominal Radiology  
  *Emily Foltz, MD*

- Quantitative Imaging Biomarkers of Fat/Iron  
  *Takeshi Yokoo, MD, PhD*

- Sarcopenia as a Predictor of Early Detection of Malignancy (with AI)  
  *Alex Guimaraes, MD, PhD*

- Quantitative Body Composition Profiling in MR  
  *Olof Leinhard, PhD*

### 3:45 - 4:50 PM
**Quality & Safety**

- 2020 Consensus Statements from the ACR and NKF on Imaging in Kidney Impairment - CT  
  *Matthew Davenport, MD, FSABI*

- 2020 Consensus Statements from the ACR and NKF on Imaging in Kidney Impairment - MR  
  *Jeffrey Weinreb, MD, FSABI*

- Improvement of Patient Care with RAD-PATH  
  *Correlation of Image-Guided Biopsies*  
  *Olga Brook, MD, FSABI*

- Closing the Loop: Tracking and Managing Incidental Findings  
  *Rekha Mody, MD*

### 5:00 - 6:00 PM
**Beyond Interpretation: Wellness & Engagement**

- Wellness at Work  
  *Bachir Taouli, MD*

- Resiliency  
  *Sherry S. Wang, MBBS*

- Ageism and Radiology- Engaging Senior Members  
  *Nicole Hindman, MD, FSABI*

- Remaining Engaged at Work  
  *Eric Paulson, MD, FSABI*

- The Hidden Powers of Sleep  
  *Aarti Sekhar, MD*

- Malcolm in the Middle, Mid-Career Development  
  *Tara Catanzano, MD, MB, Bch, BAO, FSABI*

- Thinking Outside the Box, Leadership Opportunities Abound  
  *Jessica Robbins, MD*

- Gratitude  
  *Sonia Gupta, MD*
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The American College of Radiology (ACR) and the Society for Advanced Body Imaging (SABI). The American College of Radiology is accredited by the ACCME to provide continuing medical education for Physicians.

The American College of Radiology designates this live activity for a maximum of 18 **AMA PRA Category 1 Credits™**. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The American College of Radiology is approved by the American Registry of Radiologic Technologists (ARRT) as a Recognized Continuing Education Evaluation Mechanism (RCEEM) to sponsor and/or review Continuing Education programs for Radiologic Technologists and Radiation Therapists.

The American College of Radiology designates this educational activity as meeting the criteria for up to 19.5 Category A Credit Hours of the AART.

For information about the accreditation of this program, please contact the American College of Radiology at info@acr.org.