

SAR 2019 ANNUAL SCIENTIFIC MEETING AND EDUCATIONAL COURSE

Seven Hands-on Workshops!



Prostate MPI



Dual Energy CT



Renal Mass Imagina



Rectal Cancer MRI



Pelvic Floor Imaging



CT Colonography



Crohn's Disease Imaging

Nationally and Internationally Recognized
Abdominal and Pelvic Imaging Experts

Practical Material Concerning Issues in Abdominal and Pelvic Imaging

198 Workshops Covering a Broad Range of Abdominal and Pelvic Imaging Topics

Five Self-Assessment Modules

Up to 48 AMA PRA Category 1 Credits™

SAR

Society of Abdominal Radiology

Presented by

The Society of Abdominal Radiology

March 17-22, 2019

Omni Orlando Resort at ChampionsGate Orlando, Florida

Visit www.abdominalradiology.org for additional information



PROGRAM INFORMATION

COURSE DESCRIPTION AND OBJECTIVES

The SAR 2019 Annual Scientific Meeting and Educational Course represents the Society's major educational endeavor, which brings together outstanding educators for a program highlighting:

- · Use of new and emerging technologies in the imaging diagnosis of abdominal and pelvic pathology
- Problem solving for common issues in abdominal and pelvic imaging with practical solutions
- Extensive small group workshop presentations allowing registrants to individualize educational content

The course format utilizes didactic lectures, general interest presentations, panel discussions, technical displays and interactive workshops in a mix that optimizes the educational opportunities for registrants. The Scientific Paper Sessions will be open to all Society members. Numerous educational and scientific posters spanning all aspects of abdominal imaging will be available to all course participants for study throughout the meeting. Designed primarily for radiologists in practice and in training, this course will also benefit all physicians who care for patients with gastrointestinal and genitourinary diseases.

At the conclusion of the course, registrants should be able to:

- 1. Apply the most up-to-date and practical information for imaging diagnosis and intervention in common abdominal and pelvic problems
- 2. Appropriately implement new and emerging techniques in abdominal CT, MR, US and PET
- 3. Successfully manage common problems encountered in performing everyday abdominal examinations, including performing biopsies and interventional procedures
- 4. Understand the newest topics and results in clinical research in abdominal radiology, including the emerging field of artificial intelligence and its applications in abdominal radiology

CONTINUING MEDICAL EDUCATION

The Society of Abdominal Radiology is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

The Society of Abdominal Radiology designates this live educational activity for a maximum of 48 AMA PRA Category 1 CreditsTM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The breakdown of AMA PRA Category 1 CreditsTM is as follows:

SAR Scientific Paper Sessions - 5.5 AMA PRA Category 1 Credits™

Educational Course - 27 AMA PRA Category 1 CreditsTM

Advanced Crohn's Disease Imaging Hands-on Workshop - 4 AMA PRA Category 1 Credits™

Advanced Renal Mass Imaging Hands-on Workshop − 3 AMA PRA Category 1 Credits™

CT Colonography Hands-on Workshop - 15 AMA PRA Category 1 Credits™

Dual Energy CT Hands-on Workshop - 3 AMA PRA Category 1 Credits™

Pelvic Floor Imaging Hands-on Workshop - 4 AMA PRA Category 1 Credits™

Prostate MRI Hands-on Workshop − 4 AMA PRA Category 1 Credits™

Rectal Cancer MRI Hands-on Workshop - 3 AMA PRA Category 1 Credits™

Please note that as sections of this program are concurrent, if all educational activities are attended, the maximum number of AMA PRA Category 1 CreditsTM that can be earned is 48.

WORKSHOP AND SELF-ASSESSMENT MODULE INFORMATION

Workshop sessions will be offered Tuesday and Thursday in a small group format. The program offers 198 workshops covering a broad range of practice management, and abdominal and pelvic imaging topics. Special workshop tracks are identified by a coding system detailed within the brochure program in order to simplify your workshop selection process.

The Self-Assessment Modules (SAM) presented in this activity on Advances in Molecular Imaging, Below the Belt: Imaging Techniques in the Pelvic Floor and Perineum, LI-RADS: Past, Present and Future, Pitfalls in GI Imaging, and What the GU Oncologist/Urologist Wants to Know have been qualified by the Society of Abdominal Radiology in meeting the criteria for self-assessment toward the purpose of fulfilling requirements in the ABR Maintenance of Certification Program. If you wish to register for a SAM, you must submit a fee of \$35 for each SAM, even if you do not wish to receive SAM credit. This fee covers the production costs associated with the SAMs.

<u>at a glance</u>

PLENARY PROGRAM HIGHLIGHTS

- Abdominal Interventional Rounds
- Al and Machine Learning for Abdominal Radiologists Hope, Hype, Hysteria or Happening
- Contemporary Liver Imaging: Strategies for Adding Value to Your Hepatology Service
- How to Establish a Male Pelvis Imaging Service Line
- Imaging Pearls for Abdominal Emergencies Interactive Case-based Session
- Improving Our Performance: Recognizing Mimics, Misses and Miscalls in Abdominal Radiology
- Mastering the Tumor Board Essential Feedback for the Oncologist
- Strategies for Creating an Abdominal Radiology Center of Excellence
- Women's Pelvic Imaging: A Structured Approach to Clinical Care
- Hot Topics Session The Proposed Abdominal Fellowship Match Has the Train Left the Station?
- Unknown Case Panel The Experts on the Spot

FIVE SPECIAL GUEST LECTURERS

SAR Cannon Lecturer

Mark J. Truty, MD, MS Mayo Clinic Rochester, Minnesota

SAR New Horizons Lecturer

Andrea G. Rockall, FRCR Imperial College London London, United Kingdom

ASAR Lecturer

Zaiyi Liu, MD Guangdong General Hospital Guangzhou, China

ESGAR Lecturer

Maria Antonietta Bali, MD, PhD Institut Jules Bordet Brussels, Belgium

ESUR Lecturer

M. Milagros Otero-Garcia, MD University Hospital of Vigo Vigo, Spain

DIDACTIC WORKSHOP PROGRAM HIGHLIGHTS

- Five Self-Assessment Modules Approved for SAM Credit
- 198 Workshops Covering a Broad Range of Practice Management, and Abdominal and Pelvic Imaging Topics
- Special Highlighted Workshop Tracks including: Crohn's Disease Imaging, CT Colonography, Dual Energy CT, Leadership and Business*, Pelvic Floor Imaging, Prostate MRI, Rectal Cancer MRI, Renal Mass Imaging and Ultrasound

^{*}For a list of presentations qualified for ARLM Credit, please visit the SAR website.

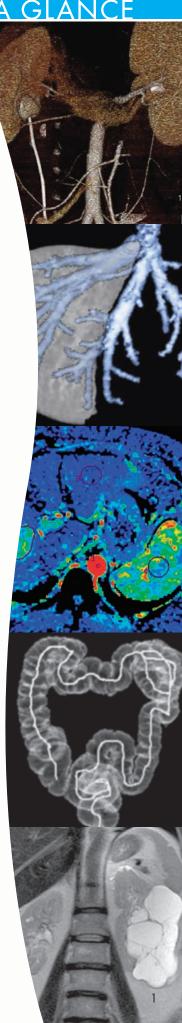


HANDS-ON WORKSHOP PROGRAM HIGHLIGHTS

Seven Hands-on Workshop Topics:

- Advanced Crohn's Disease Imaging Hands-on Workshop 4 Hours
- Advanced Renal Mass Imaging Hands-on Workshop 3 Hours
- CT Colonography Hands-on Workshop 15 Hours
- Dual Energy CT Hands-on Workshop 3 Hours
- Pelvic Floor Imaging Hands-on Workshop 4 Hours
- Prostate MRI Hands-on Workshop 4 Hours
- Rectal Cancer MRI Hands-on Workshop 3 Hours

All Hands-on Workshops Feature: State-of-the-Art Lectures and Hands-on Case Review; Independent and Expert Guided Review of Cases for Optimal Learning; and Practical and Open Discussions among Participants and Experts



HANDS-ON WORKSHOP INFORMATION

CT COLONOGRAPHY | SUNDAY, MARCH 17 - TUESDAY, MARCH 19



The CT Colonography Hands-on Workshop is a 15-hour case-based workshop comprised of intensive and supervised review of at least 50 CTC cases, an initial demonstration of the normal colon, and an extensive review of the appearances of polyps and cancers with tips provided for problem-solving and analysis of pitfalls. An introductory Basic Training - Buttonology session will be held on Sunday, March 17; two essential 30-minute lectures will follow. Hands-on training on individual workstations will be conducted Monday, March 18 and Tuesday, March 19. This workshop would not be possible without the support of Bracco Diagnostics, GE Healthcare, Philips Healthcare and Siemens Healthineers.*

PROSTATE MRI | MONDAY, MARCH 18

The Prostate MRI Hands-on Workshop is a 4-hour case-based workshop consisting of the review of 30 prostate MRI scans that exemplify the vast majority of scenarios seen in practice. Lectures will review the PI-RADS classification and introduce the system that will be used for the hands-on case review. Participants will benefit from the presence of expert instructors who will be available for one-on-one discussions. This workshop would not be possible without the support of Invivo. *



PELVIC FLOOR IMAGING | MONDAY, MARCH 18



The Pelvic Floor Imaging Hands-on Workshop is a 4-hour case-based workshop focused on state-of-the-art anatomic and functional imaging of the pelvic floor. Participants will receive hands-on training in technique, interpretation and reporting of MR defecography and postoperative imaging of pelvic mesh and slings. Following a brief introductory lecture on each topic, attendees will benefit from independent and expert-guided review of practical cases that demonstrate real-world applicability of these techniques. All participants of this workshop must bring a laptop with internet capabilities to participate. This workshop would not be possible without the support of Calgary Scientific.*

ADVANCED CROHN'S DISEASE IMAGING | TUESDAY, MARCH 19

The Advanced Crohn's Disease Imaging Hands-on Workshop is designed to provide a comprehensive overview of CT and MRI assessment of Crohn's disease. This workshop will focus on interpretation, standardized nomenclature/reporting, and standardized impressions as described in the multi-society approved SAR Crohn's Disease-Focused Panel-American Gastroenterological Association consensus recommendations document. Registrants will receive 4 hours of focused mini-lectures and case-based hands-on review of imaging studies led by experts in the field of small bowel imaging. All participants of this workshop must bring a laptop with internet capabilities to participate. This workshop would not be possible without the support of Calgary Scientific.*



DUAL ENERGY CT | WEDNESDAY, MARCH 20



The Dual Energy CT Hands-on Workshop will provide a dedicated lecture series and hands-on training on vendor specific workstations highlighting Dual Energy CT problem solving for daily practice. Three 35-minute lectures will cover practical Dual Energy CT workflow, applications in abdominal imaging, and how to establish Dual Energy CT in your practice. In a separate 3-hour session, registrants will receive hands-on case-based supervised instruction on Dual Energy CT interpretation of individual cases to improve daily image diagnosis. This workshop would not be possible without the support of GE Healthcare, Philips Healthcare and Siemens Healthineers.*

ADVANCED RENAL MASS IMAGING | WEDNESDAY, MARCH 20

The Advanced Renal Mass Imaging Hands-on Workshop is a hands-on case-based workshop focused on small renal masses. In this 3-hour workshop, participants will assess challenging cases and learn to accurately characterize a renal mass using a new SAR renal mass reporting template, navigate the complexities of management for small renal masses, minimize the burden of over-diagnosis and over-treatment of small renal masses, use MRI and CT to predict renal mass histology, and use histologic prognostication to influence patient management. Recently updated guidelines and recommendations will be incorporated. All participants must bring a laptop with internet capabilities to participate. This workshop would not be possible without the support of Calgary Scientific and the ACR's Cortex System. *



RECTAL CANCER MRI | THURSDAY, MARCH 21



The Rectal Cancer MRI Hands-on Workshop is a 3-hour case-based workshop focused on applying existing state of the art MR techniques and standardized reporting template for accurate and robust staging of rectal cancer patients. All participants of this workshop must bring a laptop with internet capabilities to participate. This workshop would not be possible without the support of Calgary Scientific and the ACR's Cortex System.

^{*}Please note that there is an additional registration fee for the hands-on workshops listed above and participation is limited. You must be an SAR meeting registrant to register for a

DAILY 3/17/2019 - 3/22/2019

6:30 AM - 7:30 AM	Continental Breakfast
6:30 AM - 1:30 PM	Registration and Viewing of Commercial Exhibits, Posters and Unknown Cases

SUNDAY 3/17/2019

SAR Member Sessions (Closed sessions, open to members only)			
6:55 AM – 9:30 AM	Concurrent Scientific Sessions		
9:30 AM - 10:00 AM	Break		
10:00 AM – 12:30 PM	Concurrent Scientific Sessions		
12:45 PM – 1:30 PM	Hot Topics Session and Lunch – The Proposed Abdominal Fellowship Match – Has the Train left the Station?	Fergus V. Coakley, MD; Marta E. Heilbrun, MD; Jonathan B. Kruskal, MD, PhD; William W. Mayo-Smith, MD	
1:30 PM – 2:00 PM	Power Science Session		
2:00 PM - 2:15 PM	SAR Business Meeting		

OPTIONAL TRAINING WORKSHOP: Separate registration is required

CT Colonography Hands-on Workshop		
2:00 PM – 4:00 PM Hands-on Workstation Buttonology (Open Session for hands-on workshop registrants)		
4:00 PM – 4:30 PM	CTC Focused Lecture: How to Prepare and Scan	Kevin J. Chang, MD
4:30 PM – 5:00 PM	CTC Focused Lecture: Time-Efficient Interpretation	Judy Yee, MD, FACR

MONDAY 3/18/2019

Plenary Session – Strategies for Creating an Abdominal Radiology Center of Excellence Moderators: Tracy A. Jaffe, MD and Andrew B. Rosenkrantz, MD, MPA			
7:00 AM – 7:15 AM	Grace Under Fire: Tools and Strategies to Maintain Productivity and Reduce Stress	Desiree E. Morgan, MD	
7:15 AM – 7:30 AM	Managing Generational Differences and Priorities in our Abdominal Imaging and #MeToo Workplace	Rajan T. Gupta, MD	
7:30 AM – 7:45 AM	The Excellent Section Chief – An Essential Requirment for an Environment of Excellence	Fred T. Lee, Jr., MD	
7:45 AM – 8:00 AM	From Detractors to Teamwork: Managing the Disruptive Individual Effectively	Mitchell E. Tublin, MD	
8:00 AM – 8:30 AM	- 8:30 AM Panel Discussion: Hiring and Retention Strategies, Metrics for Clinical and Academic Productivity, Optimizing Resource Allocation		

Plenary Session – Al and Machine Learning for Abdominal Radiologists – Hope, Hype, Hysteria or Happening? Moderators: Marta E. Heilbrun, MD and Susanna I. Lee, MD, PhD		
8:30 AM – 8:45 AM	Implementing AI and Machine Learning into Clinical Practice Now	Marc D. Kohli, MD
8:45 AM – 9:00 AM	The Mere Mortal Approach to Getting Started with Al	Andrew Smith, MD, PhD
9:00 AM – 9:15 AM	Medical Imaging AI: From Creation to Implementation	Keith Dreyer, DO, PhD

SAR New Horizons Lecture		
9:15 AM – 9:55 AM	Machine Learning in Whole Body Oncologic Imaging	Andrea G. Rockall, FRCR
9:55 AM – 10:25 AM	Break	

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation†

MONDAY 3/18/2019 (CONTINUED)

Plenary Session – Improving Our Performance: Recognizing Mimics, Misses and Miscalls in Abdominal Radiology Moderators J. Louis Hinshaw, MD and Tracy A. Jaffe, MD		
10:25 AM – 10:40 AM	We Can and Must Do Better – Pet Peeves and Kvetches from Our Referring Docs	Fergus V. Coakley, MD
10:40 AM - 10:55 AM	Avoidable Misses in Hepatic Imaging	Aarti K. Sekhar, MD
10:55 AM – 11:10 AM	Gallbladder and Biliary Over and Undercalls	Jorge A. Soto, MD
11:10 AM – 11:25 AM	Common Misinterpretations in the Small Bowel and Colon	Amy K. Hara, MD
11:25 AM – 11:40 AM	GU Tract Misses We Can All Learn From	Joel F. Platt, MD
11:40 AM – 11:55 AM	Scrotal Mimics and Challenges	Lejla Aganovic, MD
11:55 AM – 12:10 PM	Demystifying Peritonal Disease – Findings You Must Pick Up	Perry J. Pickhardt, MD
12:10 PM – 12:25 PM	Pancreatic Pitfalls and Pearls	Koenraad J. Mortele, MD

SAR Cannon Lecture		
12:25 PM – 1:05 PM	Strides and Future Strategies for Pancreatic Cancer — A Surgeons Perspective	Mark J. Truty, MD, MS

OPTIONAL TRAINING WORKSHOP: Separate registration is required

CT Colonography Hai	ds-on Workshop Moderator: Abraham H. Dachman, MD	
2:00 PM – 5:00 PM	CT Colonography Hands-on Workshop I	Matthew A. Barish, MD, FACR; Courtney C. Moreno, MD
7:00 PM – 9:00 PM	7:00 PM – 9:00 PM Case Review (Open Session for hands-on workshop registrants)	

OPTIONAL TRAINING WORKSHOP: Separate registration is required

Prostate MRI Hands-on Workshop		
2:00 PM - 6:00 PM	Prostate MRI Hands-on Workshop	Sandeep S. Arora, MBBS; Jelle O. Barentsz, MD, PhD; Silvia D. Chang, MD; Rajan T. Gupta, MD; Lori Mankowski-Gettle, MD; Daniel J. A. Margolis, MD; Andrei S. Purysko, MD; Baris I. Turkbey, MD; Antonio C. A. Westphalen, MD

OPTIONAL TRAINING WORKSHOP: Separate registration is required

Pelvic Floor Imaging Hands-on Workshop		
2:00 PM - 6:00 PM	Pelvic Floor Imaging Hands-on Workshop	Hina Arif-Tiwari, MD; Victoria Chernyak, MD, MS, Rania F. El-Sayed, MD, PhD; Milana Flusberg, MD; Kedar R. Jambhekar, MD; Gaurav Khatri, MD; Mariya Kobi, MD; Mark E. Lockhart, MD, MPH; Robert M. Marks, MD; Roopa Ram, MD; Ari M. Steiner, MD

6:00 PM - 8:00 PM	Welcome Reception	
-------------------	-------------------	--

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation†

TUESDAY 3/19/2019

OPTIONAL TRAINING WORKSHOP: Separate registration is required

CT Colonography Ha	nds-on Workshop	Moderator: Joel G. Fletcher, MD	
7:00 AM – 12:00 PM	CT Colonography Ha	nds-on Workshop II	Rizwan Aslam, MD; C. Daniel Johnson, MD

Workshop Session I			
	1	Ga-68 DOTATATE PET: What Have We Been Missing on CT and MRI	Malak Itani, MD; Joyce Mhlanga, MD
	2	How Not to Be Sued: The Four V's of Abdominal Malpractice and Lessons Learned from Trial	Fergus V. Coakley, MD; Michael P. Federle, MD
	3	CT Enterography for Suspected Occult Small Bowel Bleeding: See What You Might be Missing!†	Jeff L. Fidler, MD; Michael L. Wells, MD
	4	Post Operative GI Tract Anatomy and Complications	Abraham H. Dachman, MD; Ellen Wolf, MD
	5	Causes of False Positive and False Negative and Other Pitfalls of CT Colonography	Firas Ahmed, MD, MPH; Hiram Shaish, MD
	6	Ultrasound Imaging of the Acute Biliary Infections, Inflammations and Infiltrations with CT/MR Correlation*	Tharakeswara K. Bathala, MD; Nicolaus Wagner-Bartak, MD
	7	A Recipe for Starting Your Liver Iron Quantification MRI Practice†	Amirkasra Mojtahed, MD; Takeshi Yokoo, MD, PhD
7:00 AM – 7:35 AM	8	Dual Contrast Agent Liver MRI – When and How?	Sudhakar K. Venkatesh, MD; Christopher L. Welle, MD
	9	Update on Gadolinium-based Contrast Agents for the Abdominal Radiologist	Lauren F. Alexander, MD; Kelly Cox, DO
	10	Updates on Prostate Fusion Biopsy and Innovative Treatments for Prostate Cancer	Sandeep S. Arora, MBBS; Ted J. Dubinsky, MD; Chan Kyo Kim, MD
	11	MRI of Penile Cancer – How I Do It	Ott Le, MD; Raghu Vikram, MD
	12	Adrenal Incidentalomas: An Update	Khaled M. Elsayes, MD; James T. Lee, MD
	13	MRI for Cervical and Endometrial Cancer: Improving Staging and Tailoring Treatment†	Viktoriya Paroder, MD, PhD; Iva Petkovska, MD
	14	Contrast Enhanced Ultrasound: Safety, Billing and Reimbursement*	Wui Chong, MBBS, FRCR
	15	Role of CT/MRI in Evaluation of Ovarian Lesions†	Atul B. Shinagare, MD; Ashish P. Wasnik, MD
	16	Big Data Analytics and Dashboards: How To Make Them Work For Your Practice	Hersh Chandarana, MD, MBA; Bhavik N. Patel, MD, MBA

Workshop Session II			
	17	LI-RADS M and TIV: Application, Evidence and Implications	Kathryn J. Fowler, MD; Alessandro Furlan, MD
	18	CT Findings of Internal Hernia After Roux-en-Y Gastric Bypass	Kevin J. Coakley, MD; Melissa J. McGettigan, MD
	19	Imaging Diagnosis and Interventional Management of Necrotizing Pancreatitis	Ronald S. Arellano, MD; Brian C. Lucey, MBBS
	20	What's New in the Goose? POEMs and Achalasia	Francis F. Scholz, MD; William M. Thompson, MD
7:45 AM – 8:20 AM	21	Acute Abdomen: Considerations for MRI and in Cancer Patients	Larry A. Kramer, MD; Ajaykumar C. Morani, MD
7:45 AIVI — 6:20 AIVI	22	MR Cholangiography in Acute Biliary Disease	Alvaro Huete, MD; Jorge A. Soto, MD
	23	Optimizing Imaging Protocols for Renal Mass Evaluation†	Steven S. Raman, MD; Zhen Jane Wang, MD
	24	PI-RADS v2 and v3†	Benjamin D. Spilseth, MD; Sadhna Verma, MD
	25	Updates to Crohn's Disease Reporting: Including Standardized Nomenclature and Impressions†	Flavius F. Guglielmo, MD; Chenchan Huang, MD
	26	Endometrial Abnormalities: Role of CT, MRI and US*	Kedar N. Chintapalli, MD; Abhijit A. Sunnapwar, MD

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation†

	27	Significant and Serious Findings Often Missed in Abdominal Imaging	Roozbeh Houshyar, MD; Sonia Lee, MD; Ali Shirkhoda, MD
	28	Career Longevity: Strategies for the Radiologist to Avoid Burnout and Retain the Joy of Clinical Practice	Susanna I. Lee, MD, PhD; Joseph F. Simeone, MD
7:45 AM – 8:20 AM	29	RECIST and Beyond: Nuts and Bolts for Response Criteria and Tips for Practice Building	Bruce C. Cohen, MD; Jay K. Pahade, MD
	30	3D Ultrasound of the Uterus from Mucosa to Serosa*	Susan J. Frank, MD; Marjorie W. Stein, MD
	31	Imaging of Gender Reassignment Surgeries	Kyle Jensen, MD; Priyanka Jha, MD; Derek C. Sun, MD
	32	Moving from Burnout to Wellness in Radiology	Rama S. Ayyala, MD; Raymond Sze, MD

Self-Assessment Mo	Self-Assessment Module				
8:30 AM – 10:00 AM	Pitfalls in GI Imaging	Mahmoud M. Al-Hawary, MD; Frank H. Miller, MD, FACR; Kumar Sandrasegaran, MD; Myles T. Taffel, MD			

Warkshan Coosian II			
Workshop Session II	33	PET/CT: The Ideal Image Fusion Technology	Alan J. Cubre, MD; Julia G. Seol, MD;
		for Interventional Oncology	Paul B. Shyn, MD
	34	Diagnostic Criteria for Chronic Pancreatitis: From the Past Into the Future	Anil K. Dasyam, MD; Temel Tirkes, MD
	35	Contrast Enhanced Ultrasound: Problem Solving in Concert with Abdominal CT/MRI*	Fatih Akisik, MD; Jordan K. Swensson, MD
	36	Gastric Malignancy: Diagnosis and Imaging Optimization, with Radiologic-pathologic Correlation	Angela D. Levy, MD; Maria A. Manning, MD
	37	LI-RADS: A Primer and Update†	Jay P. Heiken, MD; Donald G. Mitchell, MD
	38	Words Matter: A New Lexicon that Standardizes the Description and Characterization of Renal Masses†	Ankur Doshi, MD; Atul B. Shinagare, MD
	39	How Can Prostate MRI Assist with Clinical Decision-making: Treatment-naïve Patient†	Aytekin Oto, MD; Nayana U. Patel, MD
	40	Updates in CTE and MRE†	Manjil Chatterji, MD; Michael S. Gee, MD, PhD
8:30 AM – 9:05 AM	41	Dual Energy CT in a Busy Clinical Practice	Lakshmi Ananthakrishnan, MD; Avinash R. Kambadakone, MD; Alec J. Megibow, MD, MPH, FACR
	42	How to Grow a Successful MR Defecography Program in Private Practice and Academic Radiology: Tips from the Pelvic Floor DFP†	Hina Arif-Tiwari, MD; Ari M. Steiner, MD
	43	Challenges from the ED: Unusual Trauma and Non Trauma Cases	Isaac R. Francis, MD; Guillermo P. Sangster, MD
	44	Rare and Uncommon Ovarian Tumors and Commonly Overlooked and Misinterpreted Cervical Pathologies†	Dhakshina Ganeshan, MD, MRCS, FRCR; Margarita V. Revzin, MD, MS, FSRU
	45	MRI of the Male and Female Urethra and Periurethral Pathologies	Neeraj Lalwani, MD; Matthew A. Morgan, MD
	46	New Approaches to Diagnosis and Management of Urinary Tract Abnormalities	Leonardo K. Bittencourt, MD; Andrei S. Purysko, MD; Erick M. Remer, MD, FACR
	47	Navigate Your Way to Academic Success: A Survival Guide for Junior Faculty	Nicole E. Curci, MD; John R. Leyendecker, MD
	48	1: Current Issues in National Health Policy 2: Basics of Conducting Imaging Health Services Research	Andrew B. Rosenkrantz, MD, MPA; David A. Rosman, MD, MBA

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation†

Workshop Session IV	/		
	49	Pancreas Cancer Diagnosis: Essentials and Recent Updates	Venkata S. Katabathina, MD; Young H. Kim, MD; Nadine Mallak, MD
	50	Bariatric Surgery Update: What the Radiologist Needs to Know	Laura R. Carucci, MD; Mary Ann Turner, MD
	51	Challenging Liver Cases with a Focus on Hepatocellular Carcinoma: Interactive Workshop	Courtney C. Moreno, MD; Rendon C. Nelson, MD
	52	Imaging in Biliary Malignancies	Akshay D. Baheti, MD; Saugata Sen, MD
	53	Update on Liver Transplant Imaging with a Focus on Split Liver Transplants	Gia A. DeAngelis, MD; Rachita Khot, MD
	54	Mysteries from the Mesentery: Challenging Cases from the Mesentery and Abdominal Peritoneal Ligaments	David D. Childs, MD; Mary J. Clingan, MD; Thomas L. Estes, MD
	55	Imaging in Characterization and Preoperative Planning of Renal Masses†	Hersh Chandarana, MD, MBA; Raghu Vikram, MD
9:15 AM – 9:50 AM	56	Post-treatment Prostate MRI†	Sandeep S. Arora, MBBS; Jurgen J. Futterer, MD, PhD; Sangeet Ghai, MD
9:15 AIVI — 9:50 AIVI	57	Non-CD Inflammatory Bowel Diseases†	Namita S. Gandhi, MD; Joseph R. Grajo, MD
	58	Abdominal Dual Energy CT Cases†	Alvin Silva, MD; Zhen Jane Wang, MD
	59	Pelvic Floor Ultrasound: Why, When and How? Reflections from the Pelvic Floor DFP†	Simin Bahrami, MD; Phyllis Glanc, MD
	60	Implementing a Well Being Program: Organizational and Individual Perspectives	Ronald V. Hublall, MD, FACR; W. Ross Stevens, MD, FACR
	61	Renal and Liver CEUS – How to Perform and Interpret the Role in Interventions*	Richard G. Barr, MD, PhD; Venkateswar R. Surabhi, MD, PhD
	62	Imaging of Retroperitoneal Trauma	Vincent M. Mellnick, MD; Michael N. Patlas, MD
	63	ESUR and SAR Consensus Guidelines on Placenta Accreta Spectrum: Part 1†	Priyanka Jha, MD; Liina Poder, MD
	64	Vascular Diseases for the Abdominal Radiologist	Micheal Griffin, MD, PhD; Mishal Mendiratta-Lala, MD; Motoyo Yano, MD, PhD
9:50 AM – 10:20 AM	Brea	ık	

Asian Society of Abdominal Radiology (ASAR) Lecture				
10:20 AM - 10:50 AM	Clinical Applications of Radiomics in Abdominal Oncology	Zaiyi Liu, MD		

Unknown Case Panel Moderators: Christine O. Menias, MD and Perry J. Pickhardt, MD				
10:50 AM – 11:40 AM	Unknown Case Panel	Mahmoud M. Al-Hawary, MD; Steven C. Eberhardt, MD; Ania Kielar, MD; Courtney C. Moreno, MD; Shannon P. Sheedy, MD; Sree Harsha Tirumani, MD		

Self-Assessment Module				
11:50 AM – 1:20 PM	What the GU Oncologist/Urologist Wants to Know	Rajan T. Gupta, MD; Matthew T. Heller, MD; Paul Nikolaidis, MD; Andrew Smith, MD, PhD		

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation†

Workshop Session V			
·	65	Imaging (SWE, CT, MRE) Assessment of Hepatic Fibrosis: Pearls and Pitfalls	Amir A. Borhani, MD; Alessandro Furlan, MD; Mitchell E. Tublin, MD
	66	Use of Standardized Template for Rectal Cancer Staging and How it Affects Management	Rakhee S. Gawande, MD; Atif Zaheer, MD
	67	Tumors of the Pancreas: Case Based Rad/Surg Correlation with a Surgeon's Perspective†	Jason B. Fleming, MD; Eric P. Tamm, MD
	68	Bowel Ischemia: 2019 Update	Kristina Gedgaudas-McClees, MD; William Torres, MD
	69	Ultrasound LI-RADS for HCC Screening and Surveillance: Implementing Into Your Practice*†	David T. Fetzer, MD; Aya Kamaya, MD; Shuchi K. Rodgers, MD
	70	MR Imaging of Pelvic Floor Dysfunction	Winnie A. Mar, MD; Ethel L. O'Neal, MD; Derek C. Sun, MD
11:50 AM – 12:25 PM	71	Dual Energy CT Workflow and Financial Considerations	Bhavik N. Patel, MD, MBA; Dushyant V. Sahani, MD
	72	Why Fluoroscopic Defecography Remains Relevant: Updates on Rationale, Technique and Interpretation from the Pelvic Floor DFP†	Suzanne L. Palmer, MD; Francis J. Scholz, MD
	73	Surgeon's Perspective on Benign Gynecologic Imaging: What We Need to Know from Your Reports†	Tatnai Burnett, MD; Nicole M. Hindman, MD; Kathy Huang, MD
	74	New Concepts in Solid Renal Mass Characterization by US, CT and MRI: Benign vs Malignant Characterization*	John R. Leyendecker, MD; Steven S. Raman, MD
	75	Best GU Cases of the AIRP	Jamie Marko, MD; Darcy J. Wolfman, MD
	76	Pitfalls in Abdominal Imaging: A Quadrant Based Approach	Vincent M. Mellnick, MD; Maria Zulfiqar, MD
	77	Fluoroscopic Fake-Outs in Pediatric GI and GU Imaging	Carol E. Barnewolt, MD; Steven J. Kraus, MD, MS
	78	Pancreas Tumor Boards: The Do's and Don'ts for the Radiologist – Multicenter Experience†	Namita S. Gandhi, MD; Zarine Shah, MD

Workshop Session V	I		
	79	Overt Gastrointestinal Bleeding: Complementary Roles of CTA and DSA†	Vijay Ramalingam, MD; Farnoosh Sokhandon, MD
	80	Pearls and Pitfalls in Oncological Imaging: Experience from Two Different Cancer Centers	Melissa J. McGettigan, MD; Iva Petkovska, MD
	81	Abbreviated MRI for HCC Screening: Gadoxetic Acid vs Extracellular Agents	Scott B. Reeder, MD, PhD; Bachir A. Taouli, MD
	82	Pre and Postoperative Imaging of the Colon	Scott C. Carter, MD; William M. Thompson, MD
12:35 PM — 1:10 PM	83	OMG, SMH, IDK, NSFW, LOL, ICYMI, AMA Impossible Cases You'll Love Even If You Can't Figure Them Out	Aoife L. Kilcoyne, MB BCh BAO; Joseph F. Simeone, MD
	84	MR Enterography: Basics to New Concepts†	Parakkal Deepak, MBBS, MS; Nagaraj S. Holalkere, MD; Richard Tsai, MD
	85	Dual Energy CT of the Pancreas: Oncologic Imaging and Beyond†	Naveen M. Kulkarni, MD; Erik V. Soloff, MD; Parag P. Tolat, MD
	86	How to Debate the Hot Topic of CTC: Small Polyps, Radiation Dose and Extracolonic Findings	Raquel O. Alencar, MD, PhD; Elizabeth McFarland, MD
	87	Scaling the Stone Wall: How to Create, Deploy and Achieve Approval of a Low-dose CT Urinary Stone Protocol	Susan Hilton, MD; Nicholas Papanicolaou, MD
	88	The Renal Neighborhood: Pathology of the Perirenal Space	Guillermo P. Sangster, MD; Ivan Pedrosa, MD, PhD
	89	MRI Imaging of Deep Infiltrating Endometriosis†	Myra K. Feldman, MD; Anuradha S. Shenoy-Bhangle , MD

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation†

	90	Financial Management of Radiology Operations	Sanjay Saini, MD, MBA
	91	Update on IV Contrast and Gadolinium: European and US Perspectives	Mahan Mathur, MD; Henrik S. Thomsen, MD, MSc
12:35 PM – 1:10 PM	92	Prostate Cancer MRI and Evaluation of the Treated Prostate†	Steven C. Eberhardt, MD; Jurgen J. Futterer, MD, PhD
	93	Bladder MRI Workshop	Jelle O. Barentsz, MD, PhD; Francisco Muglia, MD; Valeria Panebianco, MD
	94	Role of MRI in Radiation Therapy Planning for Prostate Cancer†	Nayana U. Patel, MD; Alison D. Sheridan, MD

OPTIONAL TRAINING WORKSHOP: Separate registration is required

CT Colonography Hai	nds-on Workshop Moderator: David H. Kim, MD	
1:00 PM - 5:00 PM	CT Colonography Hands-on Workshop III	Kevin J. Chang, MD; Milana Flusberg, MD

OPTIONAL TRAINING WORKSHOP: Separate registration is required

Advanced Crohn's Disease Imaging Hands-on Workshop			
1:25 PM – 5:30 PM	Advanced Crohn's Disease Imaging Hands-on Workshop	Mahmoud M. Al-Hawary, MD; Sudha A. Anupindi, MD; Mark E. Baker, MD; David H. Bruining, MD; Manjil Chatterji, MD; Jonathan R. Dillman, MD, MSc; Jeff L. Fidler, MD; Joel G. Fletcher, MD; Namita S. Gandhi, MD; Michael S. Gee, MD, PhD; Joseph R. Grajo, MD; Flavius F. Guglielmo, MD; Chenchen Huang, MD; Cynthia S. Santillan, MD	

WEDNESDAY 3/20/2019

Plenary Session – Women's Pelvic Imaging: A Structured Approach to Clinical Care Moderators: Elizabeth M. Hecht, MD and Nicole M. Hindman, MD			
7:00 AM – 7:15 AM	Endometriosis – Diagnosis, Staging and Reporting	Wendaline M. VanBuren, MD	
7:15 AM – 7:30 AM	Dynamic Imaging of the Pelvic Floor	Gaurav Khatri, MD	
7:30 AM – 7:45 AM	A Systematic Approach to Adnexal Masses	Katherine E. Maturen, MD, MS	
7:45 AM – 8:00 AM	Imaging the Post-procedure Female Pelvis (UFE, Ablations, Surgery Complications)	Olga R. Brook, MD	
8:00 AM – 8:15 AM	Staging of Gynecological Malignancies – Essential Info for Treatment Planning	Elizabeth Sadowski, MD	
8:15 AM – 8:30 AM	Interdisciplinary Case Rounds – Q & A		

European Society of Urogenital Radiology (ESUR) Lecture				
8:30 AM – 9:00 AM	Imaging Pitfalls in Endometrial, Cervical and Ovarian Cancer	M. Milagros Otero-Garcia, MD		
European Society of Gastrointestinal and Abdominal Radiology (ESGAR) Lecture				
9:00 AM - 9:30 AM	DWI of the Pancreas	Maria A. Bali, MD, PhD		
9:30 AM - 10:00 AM	Break			

Interactive Plenary Session Featuring RSNA Diagnosis Live™ – Imaging Pearls for Abdominal Emergencies Moderators: Elaine M. Caoili, MD and Jorge A. Soto, MD					
10:00 AM - 10:15 AM	Ileus Versus Obstruction – Time to Make the Call	David J. DiSantis, MD			
10:15 AM – 10:30 AM	10:15 AM – 10:30 AM Transplant Findings You Don't Want to Miss Myles T. Taffel, MD				

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation†

WEDNESDAY 3/20/2019 (CONTINUED)

10:30 AM – 10:45 AM	Imaging the Patient With Acute RUQ Pain	Michael A. Blake, MB BCh
10:45 AM – 11:00 AM Imaging of Acute Pelvic Emergencies		Christine O. Menias, MD
11:00 AM – 11:15 AM	Level I Trauma Findings You Cannot Miss	Stephan Anderson, MD
11:15 AM – 11:30 AM	Imaging of Acute Abdomen in Pregnancy	Karen S. Lee, MD

	Plenary Session – Mastering the Tumor Board – Essential Feedback for the Oncologist Moderators: Cynthia S. Santillan, MD and Andrew Smith, MD, PhD		
11:30 AM – 11:45 AM	Emerging National Guidelines for Reporting and Managing the Incidental Renal Mass	Matthew S. Davenport, MD	
11:45 AM – 12:00 PM	Imaging the Post-treatment Prostate Gland – What You Need to Know	Adam T. Froemming, MD	
12:00 PM – 12:15 PM	Tips for Avoiding Overstaging of Treated Pancreatic Neoplasms	Zhen Jane Wang, MD	
12:15 PM – 12:30 PM	Appendiceal Neoplasms: Classification, Imaging, and HIPEC	Shannon P. Sheedy, MD	
12:30 PM – 12:45 PM	Treated Rectal Cancer – Distinguishing Recurrence from Post-op Change	Marc J. Gollub, MD	
12:45 PM – 1:00 PM	Expected and Unexpected Changes With Use of New Chemotherapy Agents	Sree Harsha Tirumani, MD	

OPTIONAL TRAINING WORKSHOP: Separate registration is required

Dual Energy CT Hand	Dual Energy CT Hands-on Workshop			
1:50 PM - 4:50 PM	Dual Energy CT Hands-on Workshop	Lakshmi Ananthakrishnan, MD; Daniele Marin, MD; Alec J. Megibow, MD, MPH, FACR; Desiree E. Morgan, MD; Markus Obmann, MD; Justin Ream, MD; Dushyant V. Sahani, MD; Benjamin M. Yeh, MD		

OPTIONAL TRAINING WORKSHOP: Separate registration is required

Advanced Renal Mas	Advanced Renal Mass Imaging Hands-on Workshop				
1:50 PM – 4:50 PM	Advanced Renal Mass Imaging Hands-on Workshop	Nicole E. Curci, MD; Matthew S. Davenport, MD; Gary Israel, MD; Sam Kaffenberger, MD; Ivan Pedrosa, MD, PhD; Erick M. Remer, MD, FACR; Nicola Schieda, MD; Stuart G. Silverman, MD; Andrew Smith, MD, PhD; Shane A. Wells, MD			
4:30 PM - 5:00 PM	Exhibit Hall Mix and Mingle Reception				
5:00 PM - 7:00 PM	Awards Ceremony and Reception (Supported by Bracco Diagnostics)				

THURSDAY 3/21/2019

Self-Assessment Module		
7:00 AM – 8:30 AM	Below the Belt: Imaging Techniques in the Pelvic Floor and Perineum	Kedar R. Jambhekar, MD; Gaurav Khatri, MD; Koenraad J. Mortele, MD; Cheryl A. Sadow, MD

Workshop Session V	/II		
	95	Pancreas Adenocarcinoma on MR: From Differential and Diagnosis to Disasters	Candice W. Bolan, MD; Melanie P. Caserta, MD
	96	Rare Birds in Rectal MRI – Cancer Isn't Always the Answer	Zahra M. Kassam, MD, FRCPC; Chandana G. Lall, MD, MBA
	97	MRI of Liver Iron Overload: Why, What and How?†	Kartik S. Jhaveri, MD, FRPC; Richard Ward, MD
	98	Keeping Oncologists and Radiologists Happy: Lessons Learned and Practice Improvements in Oncologic Imaging	Ryan B. O'Malley, MD; Carolyn L. Wang, MD
	99	Precision Medicine: Optimizing Biopsy and Basics of Biobanking	Kristin M. Dittmar, MD; Emanuele Neri, MD
	100	Maintaining Focus on the Positive and Physician Resilience	Refky Nicola, MSc, DO; Christine M. Peterson, MD
	101	Patient Choice, Price Transparency, Steering and Narrow Networks: Strategies for Survival	Frank E. Luke, MD; David M. Paushter, MD
7:00 AM – 7:35 AM	102	San Diego Confidential: Confessions and Cases from Junior Faculty	Michael E. Hahn, MD, PhD; Ethel L. O'Neal, MD
7.00 AW - 7.33 AW	103	Pain in the Prostate: Challenges in Establishing a Multidisciplinary Prostate MR Fusion Biopsy Service	Elizabeth A. Edney, MD; Neil J. Hansen, MD
	104	Imaging Applications of Ferumoxytol in MR Imaging	Lauren M. Burke, MD; Ghaneh Fananapazir, MD
	105	Southern Cooking: Tasty Cases from the Medical University of South Carolina and Louisiana State University	Mark D. Kovacs, MD; Aran M. Toshav, MD
	106	Local Staging of Bladder Cancer and Imaging Findings After Local Therapy for Bladder Cancer: BCG and After TURBT	Vikas Kundra, MD, PhD; Weining Ma, MD
	107	Combining the Best of Both Worlds: PET and MRI Imaging of the Female Pelvis	Veena R. Iyer, MD; Ann T. Packard, MD
	108	Journey to Structured Reporting – Implementation, Utilization and Hopes for the Future	Travis G. Browning, MD; Jeffrey H. Pruitt, MD
	109	It Is NOT A Hemangioma: A Case Based Review of Proper Nomenclature for Vascular Anomalies in the Abdomen	Sudha A. Anupindi, MD; Rama S. Ayyala, MD; Jonathan R. Dillman, MD, MSc

Workshop Session \	/111		
	110	Next Generation Imaging of Pancreatic Cancer – Cinematic Rendering and Deep Learning	Linda C. Chu, MD; Elliot K. Fishman, MD
	111	The Increasing Role of Ultrasound Elastography and How to Implement It Into Your Practice*	Anil Chauhan, MD; Roshan Y. Modi, MD
	112	Diagnosis of Iron Overload by MRI in Clinical Practice	José M. Alústiza, MD; Yves Gandon, MD
	113	Cholangiocarcinoma – What the Surgeons and Oncologists Really Want to Know	Hyunseon Christine Kang, MD, PhD; Peter S. Liu, MD; Shane A. Wells, MD
	114	Down Under: How to Evaluate the Rectum from Fistulas to Cancer	Carla B. Harmath, MD; Melvy S. Mathew, MD
7:45 AM – 8:20 AM	115	What Happened? Imaging of Complications from Liver Interventions	Andrew W. Bowman, MD, PhD; Jordan D. LeGout, MD
	116	Deep Learning Artificial Intelligence Applications in Radiology: A Reliable Path Forward	Naveen K. Garg, MD; Michael H. Rosenthal, MD, PhD
	117	What You Can't See Can Hurt You!	Amita Kamath, MD, MPH; Sherelle L. Laifer-Narin, MD
	118	GU PET-CT	Jean H. Lee, MD; Nelly Tan, MD
	119	Imaging of Secondary Ovarian Malignacies with Histopathology Correlation†	Raj Mohan Paspulati, MD; Srinivas R. Prasad, MD
	120	Renal Mass Characteristics to Differentiate Indolent from Aggressive Lesions	Robert P. Hartman, MD; Ashish Khandelwal, MD

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation+

7:45 AM – 8:20 AM	121	Interesting and Challenging Adult and Pediatric Scrotal US Cases: Tough Nuts to Crack*	Richard D. Bellah, MD; Peter M. Ghobrial, MD
	122	Doing It All (and Eat Your Cake too): Juggling Career, Kids and Success	Krystal L. Archer-Arroyo, MD; Suzanne T. Chong, MD, MS; Robin B. Levenson, MD
	123	Establishing Quality and Safety within A Medical 3D Printing Program: A Patient First Approach	Sarah Bastawrous, DO; Beth A. Ripley, MD, PhD
	124	Multiple Endocrine Neoplasias/Neuroendocrine Tumors: Emerging Concepts in Diagnosis and Treatment	Inessa A. Goldman, MD; Sireesha Yedururi, MBBS

Workshop Session I	X		
	125	Leadership: Lessons Learned	Cheri L. Canon, MD; Erik K. Paulson, MD
	126	IgG4-related Disease in the Abdomen: A Diagnostic Challenge	Hyun-Jung Jang, MD, PhD; Tae Kyoung Kim, MD, PhD
	127	GI Hemorrhage: Evaluation with a CTA†	David Grand, MD; Michael Spektor, MD
	128	Sounds Good! Abdominal Ultrasound in the ED*	Daniel C. Oppenheimer, MD; Deborah J. Rubens, MD
	129	Beyond Resectability: A Surgical/Radiological Case Conference for Pancreatic Cancer (CT/MR/PET)†	Ajit H. Goenka, MD; David M. Hough, MBChB; Mark J. Truty, MD, MS
	130	Anal Cancer: Diagnostic Imaging and Staging†	Randy D. Ernst, MD; Jennifer S. Golia Pernicka, MD; Gaiane M. Rauch, MD, PhD
	131	Imaging the Post-treatment Liver: Percutaneous Ablation, TACE, Y90 and SBRT	David N. Bolus, MD; Silvia D. Chang, MD, FRCPC; Alison C. Harris, MBChB, FRCR, FRCPC
8:30 AM – 9:05 AM	132	Introduction to Forensic Radiology with a Focus on Abdominal Post-mortem CT Findings	Barry Daly, MD
	133	Improving CT Colonography Performance	David H. Kim, MD; Judy Yee, MD, FACR
	134	Problematic Renal Masses: An Update	John P. McGahan, MD; Stuart G. Silverman , MD
	135	In-Bore MRI and MRI-US Fusion-guided Prostate Biopsies: Techniques, Pitfalls and Practice Updates†	Leo L. Tsai, MD, PhD, MSc; Joseph H. Yacoub, MD
	136	A Radiologist's Guide to Performing An Accurate Second Trimester Fetal Anatomy Survey*	Mariam Moshiri, MD; Sherry Wang, MBBS
	137	Incidental Findings on CT: An Interactive Case-based Review of the Up-to-date ACR Recommendations	Milana Flusberg, MD; Mariya Kobi, MD
	138	Top Misses in Abdominal Imaging: Why They Happen and How to Prevent Them	Jason N. Itri, MD, PhD; Rafel R. Tappouni, MD
	139	How and Why to Teach Abdominal Radiology to Medical Students	Matt Hartman, MD; Emily M. Webb, MD
	140	Mind the Gap: Gender Inequalities in Radiology	Elena Korngold, MD; Hanna M. Zafar, MD
9:05 AM - 9:35 AM	Brea	k	

Self-Assessment Module		
9:35 AM – 11:05 AM	,	Victoria Chernyak, MD, MS; Robert M. Marks, MD; William R. Masch, MD; An Tang, MD, MSc, FRCPC

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation†

Workshop Session X	,		
	141	The Hepatic Incidentaloma: What to Do with Them?	Ahmed Ba-Ssalamah, MD; Richard M. Gore, MD
	142	Starting from Scratch: How to Develop a Contrast US Program*	Lauren F. Alexander, MD; Melanie P. Caserta, MD
	143	How to Build a Dual Energy Practice: Lessons Learned	Sooah Kim, MD; Daniele Marin, MD; Achille Mileto, MD
	144	Evolving Concepts in Hepatosplenic Trauma	Arthur H. Baghdanian, MD; Christina A. LeBedis, MD
	145	Crohn's Disease Imaging: Update	Rupan Sanyal, MD; John V. Thomas, MD
	146	Radiomics and Texture Analysis in the Abdomen: What Do We Know, Where Are We Headed?	Richard K. Do, MD, PhD; Meghan G. Lubner, MD
	147	The Preoperative Liver: Lessons Learned from the Local Liver Surgeon†	Preethi R. Guniganti, MD; Andrea S. Kierans, MD
9:35 AM – 10:10 AM	148	Next Generation Structured Reporting with Feedback Loops	Arun Krishnaraj, MD, MPH; A.J. Pesch, MD
	149	Dose Lowering Techniques for CT Colonography	Kevin J. Chang, MD
	150	Latest on the Adrenal Guidelines: Dual Energy CT and More	Daniel I. Glazer, MD; William W. Mayo-Smith, MD
	151	Fluoroscopy of the Male Urethra: No Need to Sweep It Under the RUG	Andres R. Ayoob, MD; Adrian A. Dawkins , MD
	152	Imaging of High Risk Prostate Cancer: What the Urologist Wants to Know	Adib R. Karam, MD; Jason A. Pietryga, MD; Devaki Shilpa Surasi, MD
	153	Mythbusters Take on Abdominal Interventions: Season 2	A. Nick Kurup, MD; Adam J. Weisbrod, MD
	154	Applications of Chemical Shift and Magnetic Susceptibility Imaging of the Abdomen	Anup S. Shetty, MD; Masoud Shiehmorteza, MD
	155	Nail Those Extra-abdominal Findings on Body Studies!	Fiona M. Cassidy, MD; Noushin Vahdat, MD

Workshop Session X	I		
	156	Imaging Clues to Differentiate Benign from Malignant Liver Lesions in Patients with Chronic Liver Disease†	Amita Kamath, MD, MPH; Sara C. Lewis, MD; Beatrice L. Madrazo, MD, FACR
	157	Small Bowel GI Bleeding: Multimodality Imaging with Endoscopic Correlation and Update on 2015 ACG Guidelines	Varaha S. Tammisetti, MBBS, MD; Chakradhar R. Thupili, MBBS, MD
	158	Upping Your Cholangiocarcinoma Game: Case-based Discussion with an HPB Surgeon	Peter D. Poullos, MD; Brendan Visser, MD
	159	Novel Endoscopic Procedures: The Radiologists Perspective	Devaraju Kanmaniraja, MD; Chandana G. Lall, MD, MBA
	160	Fast Track to Becoming a LI-RADS Expert in 10 Cases†	Christopher S. Lim, MD; Claude B. Sirlin, MD
	161	Sonography of the Abdominal Wall As a Problem Solving Tool: Pearls and Pitfalls*	Tharakeswara K. Bathala, MD; Nicolaus Wagner-Bartak, MD
10:20 AM – 10:55 AM	162	CTC Interpretation of the Difficult Lesion	Lori Mankowski-Gettle, MD; Mariya Kobi, MD
	163	What's New in Rectal Cancer Staging†	David H. Kim, MD; Shannon P. Sheedy, MD
	164	Rediscovering the Retroperitoneum	Richard H. Cohan, MD; Michelle D. Sakala, MD
	165	PSMA PET Imaging of Prostate Cancer: Localized, Recurrent and Metastatic Disease	Peter L. Choyke, MD; Baris I. Turkbey, MD
	166	Diffusion-weighted Imaging of the Male and Female Pelvis: New Techniques and Clinical Applications	Michael E. Hahn, MD, PhD; Rebecca Rakow-Penner, MD, PhD
	167	Comity CentralNOT! GI and GU "Experts" Reach Across the Aisle in a Team-Based Unknown Case Throwdown	David J. DiSantis, MD; Ray B. Dyer, MD
	168	Radiologic Diagnosis and Management of Abdominopelvic Trauma in Children: A Review	Marco A. Amendola, MD, FACR; Jaime R. Tisnado, MD, FACR, FACC

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation†

Self-Assessment Module		
11:05 AM – 12:35 PM	Advances in Molecular Imaging	Ajit H. Goenka, MD; Thomas A. Hope, MD; Raj Mohan Paspulati, MD; Shetal N. Shah, MD, FASR

Workshop Session X	II		
	169	Imaging for Hepatic Arterial Infusion Pumps: What the Radiologist Needs to Know	Alice Fung, MD; Elena Korngold, MD
	170	Beyond MDCT in the ER: Role of DECT and FAST US*	Christopher I. Fung, MD, FRCPC; David L. Smith, MD
	171	Updates on Barium Swallow in the Acute Setting and Gastrografin Challenge for SBO	Robert D'Agostino, MD; Margaret M. Fynes, MD; Judy K. Tam, MD
	172	Transitioning Into a Leadership Role	Puneet Bhargava, MD
	173	Pitfalls of PET/CT in the Age of Immunotherapy: Focus in the Abdomen	Mark A. Nathan, MD
	174	Towards Uniform Protocols and Building QA Process in Abdominal Imaging Practices	Priya B. Bhosale, MD; Janio Szklaruk, PhD, MD
	175	Atypical HCCs and Other Unusual Hepatic Masses	Amir H. Davarpanah, MD; Sadhna B. Nandwana, MD
11:05 AM – 11:40 AM	176	The Added Value of Including CTC in Colorectal Cancer Screening Programs	Raquel O. Alencar, MD, PhD; Cecelia Brewington, MD
	177	Restaging Rectal Cancer: Current State of the Art†	Zahra M. Kassam, MD, FRCPC; Harmeet Kaur, MD
	178	Why the Pelvic Organs Are Going Down Beyond the Pubococcygeal Line: Answers with MRI†	Mohamed A. Abdelatty, MD; Rania F. El Sayed, MD, PhD
	179	Imaging of Abnormal Placentation/MRI of Placental Adhesion Abnormalities: Truths and Myths	Manjiri K. Dighe, MD; Inessa A. Goldman, MD
	180	A Survey of Pathological Lesions of the Testicle, Epididymis and Surrounding Soft Tissues*	Pardeep K. Mittal, MD; Manohar S. Roda, MD
	181	Common Mistakes in Interpretation of Prostate mp–MRI	Mary Ann Turner, MD; Jinxing Yu, MD
	182	Transitioning to TI-RADS: The Good, the Bad and the Biopsied*	Jonathan D. Kirsch, MD; Roshan Y. Modi, MD
	183	A Multidisciplinary Team-based Approach for Denials Mitigation and Revenue Capture	Grace C. Ayoub, BA; Shiva Gupta, MD

Workshop Session X	Ш		
	184	The Modified Barium Swallow Examination, More Than Just Aspiration†	Cheri L. Canon, MD; Bonnie Martin-Harris, PhD; Jessica G. Zarzour, MD
	185	Solid Organ Injury: Mimics, Management and Complications	Krystal L. Archer-Arroyo, MD; Carrie N. Hoff, MD
	186	Advanced Imaging of Upper GI Tract Tumors with EUS Correlation	Lori Mankowski-Gettle, MD; Kathryn McGillen, MD
	187	Vascular Diseases and Perfusion Disorders of the Liver with Discussion of CT Perfusion Imaging	Barton F. Lane, MD; Bart J. Op de Beeck, MD
	188	Benign Biliary Disorders that Lead to Malignancy	Richard M. Gore, MD; Aleksandar M. Ivanovic, MD
11:50 AM – 12:25 PM	189	HIPEC: What Is It and What Does the Radiologist Need to Know?	Candice W. Bolan, MD; Jordan D. LeGout, MD; Allie Metcalfe, MD
	190	Lymphoma and Melanoma: PET-CT and Beyond	Fred B. Murphy, MD; John G. Strang, MD
	191	Complications Below the Diaphragms After Lung Transplant	Omar Agosto, MD; Tejas N. Patel, MD, MBA
	192	Focal Liver Lesion Detection and Characterization — Extracellular vs Hepatobiliary Contrast Agents	Shahid M. Hussain, MD
	193	Emerging Image-guided Immunotherapy and Oncolytic Virus Treatment: What We Need to Know	Mustafa R. Bashir, MD; Lauren M. Burke, MD

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation+

	194	Prostate Hands-on PI-RADS	Jelle O. Barentsz, MD, PhD
	195	Renal Lesions: Are You Telling Your Urologists What They Need to Know?	Jean H. Lee, MD; Nabeel E. Sarwani, MD
11:50 AM – 12:25 PM	196	Cervical Cancer: Brachytherapy and Beyond†	Gaiane M. Rauch, MD, PhD; Aradhana M. Venkatesan, MD
	197	CEUS: Practice Building, Research and Technical Pitfalls*	Mariam Moshiri, MD; Kanupriya Vijay, MD
	198	Adjusting MRI Parameters for Optimal Image Quality	Avneesh Gupta, MD; Jennifer W. Uyeda, MD

OPTIONAL TRAINING WORKSHOP: Separate registration is required

Rectal Cancer MRI Hands-on Workshop			
2:00 PM - 5:00 PM	Rectal Cancer MRI Hands-on Workshop	David D. B. Bates, MD; Greg dePrisco, MD; Marc J. Gollub, MD; Mukesh G. Harisinghani, MD; Thomas A. Hope, MD; Kartik S. Jhaveri, MD, FRPC; Neeraj Lalwani, MD; Viktoriya Paroder, MD, PhD	

FRIDAY 3/22/2019

Plenary Session – Contemporary Liver Imaging: Strategies for Adding Value to Your Hepatology Service Moderators: Ania Kielar, MD and Zhen Jane Wang, MD			
7:00 AM – 7:15 AM	Predisposers to HCC and Carcinogenesis: Fat, Iron and Fibrosis	Claude B. Sirlin, MD	
7:15 AM – 7:30 AM	The New Nodule in a Cirrhotic Liver – Tips to Confidently Avoid Overimaging	Cynthia S. Santillan, MD	
7:30 AM – 7:45 AM	Is Contrast Enhanced Ultrasound Ready to Take on CT and MRI for Lesion Charactarization?	Stefanie Weinstein, MD	
7:45 AM – 8:00 AM	Unusual and Atypical Manifestations of Liver Lesions	Frank H. Miller, MD, FACR	
8:00 AM – 8:15 AM	Post Liver Transplant Findings You Cannot Afford to Miss	Sheila Sheth, MD	
8:15 AM – 8:30 AM	CPT Code 0346T: Running a Liver Ultrasound Imagingand Elastography Service	Anthony E. Samir, MD, MPH	

Plenary Session – Abdominal Interventional Rounds Moderators: Olga R. Brook, MD and Meghan G. Lubner, MD			
8:30 AM – 8:45 AM	Imaging the Post Treatment Liver (Ablation, TACE, TARE (Y-90), SBRT, PV Embo) Meghan G. Lubner, MD		
8:45 AM – 9:00 AM	The Abdominal Radiology Clinician: Tips for Running a Superb Interventional Procedure Service	Arun Krishnaraj, MD, MPH	
9:00 AM – 9:15 AM	Advanced Techniques and Solutions for Challenging Abdominal Interventional Cases	Debra A. Gervais, MD	
9:15 AM – 9:30 AM	Are We Ready to Standardize Our Abdominal Periprocedural Care?	J. Louis Hinshaw, MD	
9:30 AM – 9:45 AM	When and How to Biopsy: Impact of Precision Medicine on Percutaneous Procedures	A. Nick Kurup, MD	
9:45 AM - 10:00 AM	The IR M and M Panel: Recognizing and Remediating Adverse Outcomes		
10:00 AM - 10:30 AM	Break		

Plenary Session – How to Establish a Male Pelvis Imaging Service Line Moderators: Mark E. Lockhart, MD, MPH and Aliyah Qayyum, MD						
10:30 AM - 10:45 AM	Imaging for Male Infertility: Cysts, Stones and Other Scenarios	David Casalino, MD				
10:45 AM – 11:00 AM	Imaging Evaluation of Acute Pelvic and Perineal Pain in the Male Patient	Matthew T. Heller, MD				
11:00 AM – 11:15 AM	The Pesky Prostate – Common Misses, Mimics and Miscalls	Silvia D. Chang, MD, FRCPC				
11:15 AM – 11:30 AM	Imaging for Male Pelvic Trauma	Bijan Bijan, MD, MBA				
11:30 AM – 11:45 AM	The Rectal Cancer Imaging Service	David H. Kim, MD				
11:45 AM – 12:00 PM	Directing a Prostate Imaging Service	Antonio C. A. Westphalen, MD				

Crohn's Disease Imaging	CT Colonography	Dual Energy CT	Leadership and Business	Pelvic Floor Imaging
Prostate MRI	Rectal Cancer MRI	Renal Mass Imaging	Ultrasound*	Disease-Focused Panel Affiliation†

FACUITY

Mohamed A. Abdelatty, MD Cairo, Egypt

Lejla Aganovic, MD San Diego, California

Omar Agosto, MD Philadelphia, Pennsylvania

Firas Ahmed, MD, MPH New York, New York

Fatih Akisik, MD

Carmel Indiana

Raquel O. Alencar, MD, PhD Boston, Massachusetts

Lauren F. Alexander, MD Jacksonville, Florida

Mahmoud M. Al-Hawary, MD

Ann Arbor, Michigan

José M. Alústiza, MD

San Sebastián, Guipúzcoa, Spain Marco A. Amendola, MD, FACR

Coral Gables, Florida

Lakshmi Ananthakrishnan, MD Dallas, Texas

Stephan Anderson, MD

Boston, Massachusetts Sudha A. Anupindi, MD

Philadelphia, Pennsylvania

Krystal L. Archer-Arroyo, MD Atlanta, Georgia

Ronald S. Arellano, MD

Boston, Massachusetts Hina Arif-Tiwari, MD

Tucson, Arizona

Sandeep S. Arora, MBBS

Rizwan Aslam, MD Houston, Texas

Andres R. Ayoob, MD

Lexington, Kentucky

Grace C. Ayoub, BA Houston, Texas

Rama S. Ayyala, MD

Arthur H. Baghdanian, MD San Francisco, California

Akshay D. Baheti, MD Mumbai, Maharashtra, India

Simin Bahrami, MD

Santa Monica, California

Mark E. Baker, MD Cleveland, Ohio

Maria A. Bali, MD, PhD

Brussels, Belgium

Jelle O. Barentsz, MD, PhD Malden, Gelderland, The Netherlands

Matthew A. Barish, MD, FACR

Carol E. Barnewolt, MD

Boston, Massachusetts Richard G. Barr, MD, PhD

Youngstown, Ohio

Mustafa R. Bashir, MD Durham, North Carolina

Ahmed Ba-Ssalamah, MD

Vienna, Austria

Sarah Bastawrous, DO Seattle, Washington

David D. B. Bates, MD New York, New York

Tharakeswara K. Bathala, MD

Houston, Texas

Richard D. Bellah, MD Philadelphia, Pennsylvania

Puneet Bhargava, MD

Seattle, Washington Priya B. Bhosale, MD

Houston, Texas

Bijan Bijan, MD, MBA

Sacramento, California Leonardo K. Bittencourt, MD

Rio de Janeiro, Brazil

Michael A. Blake, MB BCh Roston Massachusetts

Candice W. Bolan, MD

Jacksonville, Florida David N. Bolus, MD

Seattle, Washington Amir A. Borhani, MD

Pittsburgh, Pennsylvania

16 Andrew W. Bowman, MD, PhD Jacksonville, Florida

Cecelia Brewington, MD

Olga R. Brook, MD Boston, Massachusetts

Travis G. Browning, MD

Dallas, Texas David H. Bruining, MD

Bochester Minnesota Lauren M. Burke, MD Chapel Hill, North Carolina

Tatnai Burnett, MD Rochester, Minnesota

Cheri L. Canon, MD

Birmingham, Alabama

Elaine M. Caoili, MD Ann Arbor, Michigan

Scott C. Carter, MD

Albuquerque, New Mexico Laura R. Carucci, MD

Richmond, Virginia David Casalino, MD

Chicago, Illinois

Melanie P. Caserta, MD Jacksonville, Florida

Fiona M. Cassidy, MD

San Diego, California

Hersh Chandarana, MD, MBA New York, New York

Kevin J. Chang, MD Newton, Massachusetts

Silvia D. Chang, MD, FRCPC Vancouver, British Columbia, Canada

Manjil Chatterji, MD

New York, New York

Anil Chauhan, MD Minneapolis, Minnesota

Victoria Chernyak, MD, MS

Bronx, New York

David D. Childs, MD Winston-Salem, North Carolina

Kedar N. Chintapalli, MD

San Antonio, Texas Suzanne T. Chong, MD, MS

Ann Arbor, Michigan

Wui Chong, MBBS, FRCR Houston, Texas

Peter L. Choyke, MD

Bethesda, Maryland

Linda C. Chu, MD Baltimore, Maryland

Mary J. Clingan, MD

Fergus V. Coakley, MD Portland, Oregon

Kevin J. Coakley, MD

Richard H. Cohan, MD

Ann Arbor, Michigan

Bruce C. Cohen, MD Bronx, New York

Kelly Cox, DO

Atlanta, Georgia

Alan J. Cubre, MD Boston, Massachusetts

Nicole E. Curci, MD Ann Arbor, Michigan

Abraham H. Dachman, MD

Chicago, Illinois

Robert D'Agostino, MD

Burlington, Vermont

Barry Daly, MD Baltimore, Maryland

Anil K. Dasyam, MD

Pittsburgh, Pennsylvania

Amir H. Davarpanah, MD

Matthew S. Davenport, MD

Ann Arbor, Michigan

Adrian A. Dawkins , MD

Lexinaton, Kentucky

Gia A. DeAngelis, MD Charlottesville, Virginia

Parakkal Deepak, MBBS, MS

St. Louis, Missouri Greg dePrisco, MD

Dallas, Texas Maniiri K. Dighe, MD

Seattle, Washington Jonathan R. Dillman, MD, MSc

Cincinnati Ohio

David J. DiSantis, MD

Kristin M. Dittmar, MD Columbus, Ohio

Richard K. Do, MD, PhD

New York, New York

Ankur Doshi, MD New York New York

Keith Dreyer, DO, PhD Boston, Massachusetts

Ted J. Dubinsky, MD

Seattle, Washington

Ray B. Dyer, MD Winston-Salem, North Carolina

Steven C. Eberhardt, MD Albuquerque, New Mexico

Elizabeth A. Edney, MD Omaha Nehraska

Rania F. El Sayed, MD, PhD

Cairo, Egypt Khaled M. Elsayes, MD

Randy D. Ernst, MD

Thomas L. Estes, MD

Augusta, Georgia Ghaneh Fananapazir, MD Sacramento, California

Michael P. Federle, MD Menlo Park, California

Myra K. Feldman, MD Cleveland, Ohio

David T. Fetzer, MD

Jeff L. Fidler, MD

Rochester, Minnesota Elliot K. Fishman, MD Baltimore, Maryland

Jason B. Fleming, MD

Tampa, Florida Joel G. Fletcher, MD

Rochester, Minnesota Milana Flusberg, MD

Valhalla, New York Kathryn J. Fowler, MD San Diego, California

Isaac R. Francis, MD Ann Arbor, Michiga

Susan J. Frank, MD

Bronx, New York Adam T. Froemming, MD

Rochester, Minnesota

Alice Fung, MD

Portland, Oregon

Christopher I. Fung, MD, FRCPC Edmonton, Alberta, Canada

Alessandro Furlan, MD Pittsburgh, Pennsylvania

Jurgen J. Futterer, MD, PhD

Nijmegen, Gelderland, The Netherlands Margaret M. Fynes, MD

Baltimore, Maryland Namita S. Gandhi, MD

Yves Gandon, MD

Rennes, France Dhakshina Ganeshan, MD, MRCS, FRCR

Houston, Texas Naveen K. Garg, MD

Houston, Texas Rakhee S. Gawande, MD

Baltimore, Maryland Kristina Gedgaudas-McClees, MD

Atlanta, Georgia Michael S. Gee, MD, PhD

Boston, Massachusetts Debra A. Gervais, MD Boston, Massachusetts

Sangeet Ghai, MD

Toronto, Ontario, Canada Peter M. Ghobrial, MD

Phyllis Glanc, MD Toronto, Ontario, Canada Daniel I. Glazer, MD

Cleveland Ohio

Boston, Massachusetts Aiit H. Goenka, MD Rochester, Minnesota

Inessa A. Goldman, MD New York, New York

New York, New York Marc J. Gollub, MD

New York, New Yorl

Evanston, Illinois

Providence, Rhode Island

Milwaukee, Wisconsir

Flavius F. Guglielmo, MD Philadelphia, Pennsylvania

Boston, Massachusetts Rajan T. Gupta, MD

Durham, North Carolina Shiva Gupta, MD

Michael E. Hahn, MD, PhD

Neil J. Hansen, MD

Omaha, Nebraska Amy K. Hara, MD

Mukesh G. Harisinghani, MD

Carla B. Harmath, MD Chicago, Illinois

Vancouver, British Columbia, Canada

Pittsburgh, Pennsylvania

Rochester, Minnesota Elizabeth M. Hecht, MD

Jay P. Heiken, MD

Rochester, Minnesota

Matthew T. Heller, MD

Susan Hilton, MD

New York, New York

J. Louis Hinshaw, MD Madison, Wisconsir

Thomas A. Hope, MD

David M. Hough, MBChB

Roozbeh Houshyar, MD Orange, California

Chenchan Huang, MD New York, New Yorl

New York, New York

Sayre, Pennsylvania Alvaro Huete, MD

Gary Israel, MD New Haven, Connecticut

St. Louis, Missouri Jason N. Itri, MD, PhD

Aleksandar M. Ivanovic, MD Belgrade, Serbia

Veena R. Iyer, MD Rochester, Minnesota

Kedar R. Jambhekar, MD Little Rock, Arkansas

Kyle Jensen, MD Portland, Oregon

Jennifer S. Golia Pernicka, MD

Richard M. Gore, MD

Joseph R. Grajo, MD

Gainesville, Florida David Grand, MD

Micheal Griffin, MD, PhD

Preethi R. Guniganti, MD

New York, New Yorl Avneesh Gupta, MD

Houston, Texas

San Diego, California

Phoenix, Arizona

Boston, Massachusetts

Alison C. Harris, MBChB, FRCR, FRCPC

Matt Hartman, MD

Robert P. Hartman, MD

New York, New York

Marta E. Heilbrun, MD

Scottsdale, Arizona

Philadelphia, Pennsylvania Nicole M. Hindman, MD

Carrie N. Hoff, MD

Nagaraj S. Holalkere, MD

San Francisco, California

Kathy Huang, MD

Ronald V. Hublall, MD, FACR

Santiago, Chile Shahid M. Hussain, MD Stony Brook, New York

Malak Itani, MD

Winston-Salem, North Carolina

Tracy A. Jaffe, MD Durham, North Carolina

Hyun-Jung Jang, MD, PhD Toronto, Ontario, Canada

Priyanka Jha, MD

San Francisco, California

Kartik S. Jhaveri, MD, FRPC

Toronto, Ontario, Canada C. Daniel Johnson, MD

Scottsdale, Arizona Sam Kaffenberger, MD Ann Arhor Michigan

Amita Kamath, MD, MPH New York, New York

Aya Kamaya, MD

Stanford, California Avinash R. Kambadakone, MD

Adib R. Karam, MD

Providence, Rhode Island

London, Ontario, Canada

Venkata S. Katabathina, MD

Harmeet Kaur, MD

Ashish Khandelwal, MD Rochester, Minnesota

Rachita Khot, MD

Charlottesville, Virginia Ania Kielar, MD

Andrea S. Kierans, MD New York, New York

Chan Kyo Kim, MD

Seoul, South Korea David H. Kim, MD

Sooah Kim, MD New York, New York

Tae Kyoung Kim, MD, PhD Toronto, Ontario, Canada

Worcester, Massachusetts Bernard F. King, Jr., MD, FACR

New Haven Connecticut Mariya Kobi, MD

Marc D. Kohli, MD

Elena Korngold, MD

Charleston, South Carolina Larry A. Kramer, MD

Cincinnati, Ohio Arun Krishnaraj, MD, MPH

Boston, Massachusetts Naveen M. Kulkarni, MD Milwaukee, Wisconsin

A. Nick Kurup, MD Rochester, Minnesota Sherelle L. Laifer-Narin, MD

Jacksonville, Florida

Ott Le, MD

Houston, Texas

James T. Lee, MD Lexington, Kentucky

Hyunseon Christine Kang, MD, PhD

Houston, Texas

Devaraju Kanmaniraja, MD New York, New York

Zahra M. Kassam, MD, FRCPC

San Antonio, Texas

Houston, Texas

Gaurav Khatri, MD Dallas, Texas

Barrie, Ontario, Canada

Aoife L. Kilcoyne, MB BCh BAO

Young H. Kim, MD

Rochester, Minnesota Jonathan D. Kirsch, MD

Bronx, New York

Portland, Oregon Mark D. Kovacs, MD

Houston, Texas Steven J. Kraus, MD, MS

Charlottesville, Virginia Jonathan B. Kruskal, MD, PhD

Vikas Kundra, MD, PhD Houston, Texas

New York, New York Chandana G. Lall, MD, MBA

Winston-Salem, North Carolina

Barton F. Lane, MD Baltimore Maryland

Neeraj Lalwani, MD

Christina A. LeBedis, MD Boston, Massachusetts

Jean H. Lee. MD

Seattle, Washington

Karen S. Lee, MD Boston, Massachusetts Sonia Lee, MD

Orange, California

Susanna I. Lee, MD, PhD Boston, Massachusetts

Fred T. Lee, Jr., MD Madison, Wisconsin

Jordan D. LeGout, MD Jacksonville, Florida

Robin B. Levenson, MD Boston Massachusetts

Angela D. Levy, MD Washington, District of Columbia

Sara C. Lewis, MD New York, New York

John R. Leyendecker, MD

Christopher S. Lim, MD Toronto, Ontario, Canada

Peter S. Liu, MD Cleveland Ohio Zaiyi Liu, MD

Guangzhou, China Mark E. Lockhart, MD, MPH Birmingham, Alabama

Meghan G. Luhner, MD Madison, Wisconsir

Brian C. Lucey, MBBS Galway, Ireland

Frank E. Luke, MD Hershey, Pennsylvania

Weining Ma, MD

Beatrice L. Madrazo, MD, FACR

Nadine Mallak, MD Portland, Oregon

Lori Mankowski-Gettle, MD Madison, Wisconsin

Maria A. Manning, MD Washington, District of Columbia

Winnie A. Mar, MD Chicago, Illinois

Daniel J. A. Margolis, MD New York, New Yo

Daniele Marin, MD Durham, North Carolina

Jamie Marko, MD Bethesda, Maryland

Robert M. Marks, MD San Diego, California

Bonnie Martin-Harris, PhD Chicago, Illinois

William R. Masch, MD

Melvy S. Mathew, MD Chicago, Illinois

Mahan Mathur, MD New Haven, Connecticut

Katherine E. Maturen, MD, MS Ann Arbor, Michigan

William W. Mayo-Smith, MD Boston, Massachusetts

Elizabeth McFarland, MD St. Louis, Missouri

John P. McGahan, MD Sacramento, California

Melissa J. McGettigan, MD Tampa, Florida

Kathryn McGillen, MD Hershey, Pennsylvania

Alec J. Megibow, MD, MPH, FACR

Vincent M. Mellnick, MD

Mishal Mendiratta-Lala, MD

Ann Arbor, Michigan Christine O. Menias, MD

Scottsdale, Arizona Allie Metcalfe, MD

Jacksonville, Florida Joyce Mhlanga, MD

St. Louis, Missour Achille Mileto, MD Seattle, Washington

Frank H. Miller, MD, FACR Chicago, Illinois Donald G. Mitchell, MD Philadelphia, Pennsylvania

Pardeep K. Mittal, MD Augusta, Georgia

Roshan Y. Modi, MD Newark, Delaware

Amirkasra Moitahed, MD

Boston, Massachusetts Ajaykumar C. Morani, MD Houston Texas

Courtney C. Moreno, MD Atlanta, Georgia

Desiree E. Morgan, MD

Matthew A. Morgan, MD

Koenraad J. Mortele, MD Boston, Massachusetts

Mariam Moshiri, MD Seattle, Washington

Francisco Muglia, MD Sao Paulo, Brazil Fred B. Murphy, MD

Decatur, Georgia Sadhna B. Nandwana, MD

Atlanta, Georgia Mark A. Nathan, MD

Rochester, Minnesota

Rendon C. Nelson, MD Durham, North Carolina

Emanuele Neri, MD Pisa, Italy

Refky Nicola, MSc, DO Syracuse, New York

Paul Nikolaidis, MD

Markus Obmann, MD San Francisco, California

Ryan B. O'Malley, MD Seattle, Washington

Ethel L. O'Neal, MD San Diego, California

Bart J. Op de Beeck, MD

Daniel C. Oppenheimer, MD

M. Milagros Otero-Garcia, MD Vigo, Spain

Aytekin Oto, MD Chicago, Illinoi:

Ann T. Packard, MD

Rochester, Minnesota Jay K. Pahade, MD

New Haven Connecticut

Suzanne L. Palmer, MD Los Angeles, Californi Valeria Panebianco, MD

Nicholas Papanicolaou, MD Philadelphia, Pennsylvania

Viktoriya Paroder, MD, PhD

New York, New York Raj Mohan Paspulati, MD

Cleveland Ohio Bhavik N. Patel, MD, MBA

Stanford, California

Nayana U. Patel, MD

Teias N. Patel, MD, MBA Galloway, New Jersey

Michael N. Patlas, MD

Hamilton, Ontario, Canada Erik K. Paulson, MD

Durham North Carolina David M. Paushter, MD

Ivan Pedrosa, MD, PhD

A.J. Pesch, MD Charlottesville, Virginia

Christine M. Peterson, MD Hershev, Pennsylvania

Iva Petkovska, MD New York, New York

Perry J. Pickhardt, MD Madison, Wisconsir

Jason A. Pietryga, MD Providence, Rhode Island Joel F. Platt. MD Ann Arbor, Michigan

Liina Poder, MD San Francisco, California Peter D. Poullos, MD Stanford, California

Srinivas R. Prasad, MD Houston, Texas

Jeffrey H. Pruitt, MD Dallas, Texas

Andrei S. Purysko, MD Westlake Ohio

Aliyah Qayyum, MD

Rebecca Rakow-Penner, MD, PhD San Diego, California

Roopa Ram, MD Little Rock, Arkansas

Vijay Ramalingam, MD New Orleans, Louisiana

Steven S. Raman, MD Los Angeles, California

Gaiane M. Rauch, MD, PhD Houston, Texas

Justin Ream, MD New York, New York

Scott B. Reeder, MD, PhD Madison, Wisconsin

Erick M. Remer, MD, FACR Cleveland, Ohio

Margarita V. Revzin, MD, MS, FSRU Wilton Connecticut

Beth A. Ripley, MD, PhD

Andrea G. Rockall, MD London, United Kingdom

Manohar S. Roda, MD

Shuchi K. Rodgers, MD Philadelphia, Pennsylvania

Andrew B. Rosenkrantz, MD, MPA New York, New York

Michael H. Rosenthal, MD, PhD

Boston, Massachusetts David A. Rosman, MD, MBA Boston, Massachusetts

Deborah J. Rubens, MD Rochester, New York

Cheryl A. Sadow, MD Weymouth, Massachusetts

Elizabeth Sadowski, MD Madison, Wisconsin Dushyant V. Sahani, MD

Boston, Massachusetts

Sanjay Saini, MD, MBA Michelle D. Sakala, MD

Ann Arbor, Michigan Anthony E. Samir, MD, MPH

Kumar Sandrasegaran, MD

Phoenix, Arizona Guillermo P. Sangster, MD

Shreveport, Louisiana Cynthia S. Santillan, MD

in Diego, California Rupan Sanyal, MD

Birmingham, Alabama Nabeel E. Sarwani, MD

Hershey, Pennsylvania Nicola Schieda, MD

Ottawa, Ontario, Canada Francis J. Scholz, MD Burlington, Massachusetts

Aarti K. Sekhar, MD

Atlanta, Georgia

Saugata Sen, MD Kolkata, West Bengal, India

Julia G. Seol, MD Shetal N. Shah, MD, FASR

Zarine Shah, MD Columbus, Ohio

Hiram Shaish, MD New York, New York Shannon P. Sheedy, MD

Rochester, Minnesota Anuradha S. Shenoy-Bhangle, MD Boston, Massachusett

Alison D. Sheridan, MD Aurora, Colorado Sheila Sheth, MD Baltimore, Maryland

Anup S. Shetty, MD St. Louis, Missouri

Masoud Shiehmorteza, MD

San Diego, California Atul B. Shinagare, MD Boston, Massachusetts

Ali Shirkhoda, MD Laguna Niguel, California

Paul B. Shyn, MD Boston, Massachusetts

Alvin Silva, MD Scottsdale Arizona

Stuart G. Silverman, MD Boston, Massachusetts

Joseph F. Simeone, MD Boston, Massachusett Claude B. Sirlin, MD

San Diego, California Andrew Smith, MD, PhD Birmingham, Alabama

David L. Smith, MD New Orleans Louisiana

Farnoosh Sokhandon, MD Royal Oak, Michigan

Erik V. Soloff, MD Seattle, Washington

Jorge A. Soto, MD Boston, Massachusetts

Michael Spektor, MD New Haven, Connecticut

Benjamin D. Spilseth, MD Minneapolis, Minnesota

Marjorie W. Stein, MD

Ari M. Steiner, MD Woodmere, New York

W. Ross Stevens, MD, FACR Greensboro, North Carolina

John G. Strang, MD Rochester, New York Derek C. Sun, MD

San Francisco, California Abhijit A. Sunnapwar, MD San Ántonio, Texas

Venkateswar R. Surabhi, MD, PhD Houston, Texas

Devaki Shilpa Surasi, MD Houston, Texas

Jordan K. Swensson, MD Indianapolis, Indiana Raymond Sze, MD

Philadelphia Pennsylvania Janio Szklaruk, PhD, MD

Myles T. Taffel, MD

Judy K. Tam, MD Burlington, Vermont

Eric P. Tamm, MD Varaha S. Tammisetti, MBBS, MD

Houston, Texas Nelly Tan, MD

Loma Linda, California An Tang, MD, MSc, FRCPC Montreal, Quebec, Canada

Bachir A. Taouli, MD New York, New York

Rafel R. Tappouni, MD Winston-Salem, North Carolina

John V. Thomas, MD Birmingham, Alabama William M. Thompson, MD Albuquerque, New Mexico

Henrik S. Thomsen, MD, MSc Copenhagen, Denmark

Chakradhar R. Thupili, MBBS, MD Houston, Texas

Temel Tirkes, MD Indianapolis, Indiana Sree Harsha Tirumani, MD

Boston, Massachusetts Jaime R. Tisnado, MD, FACR, FACC Richmond, Virginia

Parag P. Tolat, MD Milwaukee, Wisconsin William Torres, MD Atlanta, Georgia

Aran M. Toshav, MD

New Orleans, Louisiana

Mark J. Truty, MD, MS

Leo L. Tsai, MD, PhD, MSc

Richard Tsai. MD

St. Louis, Missouri Mitchell E. Tublin, MD

Pittsburgh, Pennsylvania Baris I. Turkbey, MD Bethesda, Maryland

Mary Ann Turner, MD mond, Virginia

Jennifer W. Uveda, MD

Noushin Vahdat, MD San Diego, California

Wendaline M. VanBuren, MD

Rochester, Minnesota Aradhana M. Venkatesan, MD

Houston, Texas Sudhakar K. Venkatesh, MD

Rochester, Minnesota Sadhna Verma, MD Cincinnati, Ohio

Kanupriya Vijay, MD Dallas, Texas

Raghu Vikram, MD Bellaire, Texas

Brendan Visser, MD Stanford, Californi

Nicolaus Wagner-Bartak, MD Houston, Texas

Carolyn L. Wang, MD Seattle, Washingto

Sherry Wang, MBBS Salt Lake City, Utah

Zhen Jane Wang, MD San Francisco, C Richard Ward, MD

Toronto, Ontario, Canada Ashish P. Wasnik, MD Ann Arbor, Michigan

Emily M. Webb, MD San Francisco, California

Stefanie Weinstein, MD San Francisco, California Adam J. Weisbrod, MD

Rochester, Minnesota Christopher L. Welle, MD Rochester, Minnesota

Michael L. Wells, MD Rochester Minnesot

Shane A. Wells, MD Madison, Wisconsin Antonio C. A. Westphalen, MD

Ellen Wolf, MD

Bronx, New York Darcy J. Wolfman, MD

Washington, District of Columbia Joseph H. Yacoub, MD Washington, District of Columbia

Motoyo Yano, MD, PhD St. Louis, Missouri Sireesha Yedururi, MBBS

Judy Yee, MD, FACR

New York, New York Benjamin M. Yeh, MD San Francisco, California

Takeshi Yokoo, MD, PhD Dallas Texas

Jinxing Yu, MD Hanna M. Zafar, MD

Philadelphia, Pennsylvania Atif Zaheer, MD Baltimore, Maryland Jessica G. Zarzour, MD

Birmingham, Alabama Maria Zulfigar, MD St. Louis, Missouri

SPECIAL ACKNOWLEDGEMENTS

SAR Gold Medalists

Lincoln L. Berland, MD, FACR

University of Alabama at Birmingham Birmingham, Alabama

Richard H. Cohan, MD

University of Michigan Ann Arbor, Michigan

Nancy S. Curry, MD

Medical University of South Carolina Charleston, South Carolina

Jay P. Heiken, MD

Mayo Clinic Rochester, Minnesota

Officers 2018-2019

President

Bernard F. King, MD, FACR Mayo Clinic Rochester, Minnesota

President-Elect

Jonathan B. Kruskal, MD, PhD Beth Israel Deaconess Medical Center Boston, Massachusetts

Director of Finance and Internal Affairs

Cheri L. Canon, MD, FACR University of Alabama at Birmingham Birmingham, Alabama

Director of Science

Desiree E. Morgan, MD University of Alabama at Birmingham Birmingham, Alabama

Director of Education

Joel G. Fletcher, MD Mayo Clinic Rochester, Minnesota

Director At Large

Amy K. Hara, MD Mayo Clinic Scottsdale, Arizona

Past President

Giles W. L. Boland, MD, FACR Brigham and Women's Hospital Boston, Massachusetts

Executive Director

Lynne K. Tiras, CMP
International Meeting Managers, Inc.
Houston, Texas

Program Planning Contributors

Educational Program Committee Chair and Coordinators

Jonathan B. Kruskal, MD, PhD, Chair Elaine M. Caoili, MD, Wksp Co-Coordinator Rajan T. Gupta, MD, Wksp Co-Coordinator

ir and Coordinators

Scientific Program & Educational Exhibits Committee Chair and Coordinators

Desiree E. Morgan, MD, Chair Debra A. Gervais, MD, Session Co-Coordinator

Antonio C. A. Westphalen, MD, PhD, Session Co-Coordinator

Advanced Crohn's Disease Imaging Hands-on Workshop Coordinators

Jonathan R. Dillman, MD, MSc and Mahmoud M. Al-Hawary, MD

Advanced Renal Mass Imaging Hands-on Workshop Coordinators

Matthew S. Davenport, MD and Stuart G. Silverman, MD

CT Colonography Hands-on Workshop Coordinator Judy Yee, MD, FACR

Dual Energy CT Hands-on Workshop Coordinator

Benjamin M. Yeh, MD

Pelvic Floor Imaging Hands-on Workshop Coordinators

Victoria Chernyak, MD, MS, Kedar R. Jambhekar, MD, Gaurav Khatri, MD and Roopa Ram, MD

Prostate MRI Hands-on Workshop Coordinators

Jelle O. Barentsz, MD, PhD and Antonio C. A. Westphalen, MD, PhD

Rectal Cancer MRI Hands-on Workshop Coordinators

Marc J. Gollub, MD and Mukesh G. Harisinghani, MD

Hot Topics Session Coordinator

Jonathan B. Kruskal, MD, PhD

Unknown Case Panel Coordinators

Christine O. Menias, MD and Perry J. Pickhardt, MD

Case of the Day Coordinators

S. Zafar Jafri, MD; Ali Shirkhoda, MD, FACR and Farnoosh Sokhandon, MD

REGISTRATION INFORMATION

Fees	On or Before January 10 12 PM CST	After January 10 12 PM CST	On-Site* After February 28 12 Noon CST
SAR Society Members	\$675	\$725	\$775
ASAR/ESGAR/ESUR Society Members	\$675	\$725	\$775
Physicians (Non-Members)	\$1150	\$1200	\$1250
Fellows, Residents, Technologists	\$250	\$300	\$350
Medical Students	\$250	\$300	\$350
Hands-on Workshops*			
Crohn's Disease Imaging Hands-on Workshop	\$350	\$375	\$400
CT Colonography Hands-on Workshop	\$1400	\$1450	\$1500
Dual Energy CT Hands-on Workshop	\$300	\$325	\$350
Pelvic Floor Imaging Hands-on Workshop	\$325	\$350	\$375
Prostate MRI Hands-on Workshop	\$325	\$350	\$375
Rectal Cancer MRI Hands-on Workshop	\$300	\$325	\$350
Renal Mass Imaging Hands-on Workshop	\$300	\$325	\$350
Self-Assessment Modules (SAMs)	\$35	\$35	\$35

^{*}You must be an SAR meeting registrant to register for a hands-on workshop; participation is limited.

REGISTER ONLINE AT WWW.ABDOMINALRADIOLOGY.ORG

A hardcopy registration form is available on the Society website as well. Please note that there is an additional fee of \$20 if you register by mail or fax. Save time and the extra fee by registering online!

In order to receive the discounted member rate for the meeting, a completed application for membership must be received by Thursday, January 31, 2019 at 5 PM CST. Visit the Society website for additional information about becoming a member.

*Online registration will close Thursday, February 28, 2019 at 12 Noon CST. After this date, attendees must register on-site and pay on-site registration fees.

Verification of Resident, Fellow, Technologist, or Student status must accompany registration. Fees must be in U.S. Dollars only, drawn on a U.S. Bank. Please make your checks payable to the Society of Abdominal Radiology. American Express, Visa, Mastercard and Discover are also accepted. A \$100 administrative fee will be retained if you cancel your registration for any reason. In order to receive a refund of the balance, we must receive written notice by Thursday, February 28, 2019 at 12 Noon CST; thereafter, no refunds will be made.

Registration fees include tuition, syllabus, continental breakfasts, and breaks for meeting participants only. The welcome reception and awards ceremony reception are for meeting participants and their guests.

Please note that the SAR 2019 syllabus will be electronic. Complimentary wireless internet access will be available in the meeting space to all meeting participants.

PROGRAM CONTACT

Jessica Whalen, CMP-HC, VP of Meetings and Events International Meeting Managers, Inc. 4550 Post Oak Place, Suite 342, Houston, TX 77027 713-965-0566 Phone 713-960-0488 Fax admin@abdominalradiology.org



🖒 If you have any special needs, please contact International Meeting Managers in writing at the above address.

HOTEL, TRAVEL & RECREATION



Omni Orlando Resort at ChampionsGate

1500 Masters Boulevard ChampionsGate, Florida 33896 1-407-390-6664 Phone 1-800-843-6664 Reservations

Group Block Deadline: March 1, 2019

If you're ready to experience a true luxury Orlando, Florida resort, you've come to the right place. Omni Orlando Resort at ChampionsGate offers a 15-acre playground full of virtually limitless leisure activities. Incomparable service and amenities and unsurpassed golf make this a dream destination for both leisure and business travelers coming to Orlando. Special room rates have been negotiated for participants in the SAR 2019 Annual Scientific Meeting and Educational Course as indicated below:



Guest Room Rates:

Sunset Rooms starting at: \$269 Deluxe Rooms starting at: \$269 Premier Rooms starting at: \$289 Two Bedroom Villas: \$389 Three Bedroom Villas: \$489



Rates are for single or double occupancy and do not include applicable state and hotel accommodations tax which is currently 14.5% per night. Please remember that you must reserve your room within the SAR room block to receive the negotiated group concessions posted on the Society website. Reservations within the SAR room block may be made conveniently online by following the link provided on the Society's website. You may also make your reservations by phone at 1-800-843-6664. When calling, please mention that you will be attending the SAR Annual Scientific Meeting and Educational Course in March of 2019.

TRAVEL -

Omni Orlando Resort at ChampionsGate is located 25 minutes from the Orlando International Airport.



United Airlines is the official carrier for the conference. United offers discounts off published fares of 2% to 10% or zone fares. For fare and schedule information and to make your reservations, please visit www.united.com/ meetingtravel. Refer to Z Code: ZFNG and Agreement Code: 103483. Reservations can also be booked over the phone by calling, 1-800-426-1122, however, additional fees do apply for all reservations booked over the phone.

Getting to the resort is easy with a wide range of transportation options available. Whether you arrive by shuttle, taxi or rental car, your trip from the airport will be relaxing and hassle-free. Visit the Society website for detailed ground transportation information and discount codes.



RECREATION -

Omni Orlando Resort at ChampionsGate has plenty of activities to keep adults and kids happy and active during their stay. Experience a true Orlando, Florida resort destination, featuring 15 sprawling acres of sparkling pools, playful recreation and fitness options to choose from. The hotel concierge can help you plan your visit and assist you in booking activities during your stay. Contact the hotel concierge at 1-407-238-6505.

Society of

Abdominal

Radiology

NOT A MEMBER? DON'T DELAY - JOIN TODAY!

The Society of Abdominal Radiology is one of the largest abdominal radiology societies in the world with over 1,450 members including a strong international contingent. Among the members are the world recognized thought leaders in this field who are in the forefront of research and publications.

By becoming a member of the SAR, you are eligible to receive the following benefits:

- Discounted registration fee to the Society's Annual Scientific Meeting and Educational Course*
- Online subscription to Abdominal Radiology, the official journal of the Society
- Access to the online searchable member directory, connecting you to over 1,450 radiologists
- Awards and funding for research projects
- · Participation in committees and special programs

*In order to receive the discounted member rate for the meeting, a completed application for membership must be received by **Thursday, January 31, 2019** at 5 PM CST.

Visit www.abdominalradiology.org to apply online today!

THE SAR FUND

The SAR Fund supports the advancement of abdominal radiology research, education and practice. Your generous contribution will enable the SAR to invest in research and education to improve patient care and advance our subspecialty. Your individual gift is very valuable and will strengthen the Society and help assure the future of abdominal radiology. Donations to The SAR Fund may be made in honor of or in memory of a specific individual. We invite you to join your colleagues in making a tax-deductible donation to The SAR Fund today. Each year we recognize all donors on the SAR website and at the Annual Meeting. You will have the opportunity to make a contribution during the online registration process. You can also visit the Society website to make a donation and find additional information about The SAR Fund.

This year, The SAR Fund will be used to support up to six \$1,000 Travel Scholarships for Trainees. These merit-based scholarships will be provided for oral presentation of a scientific abstract at the Annual Meeting. All abstract submitters have the opportunity to indicate interest in being considered for a scholarship during the initial abstract submission process.



The SAR 2019 Annual Scientific Meeting and Educational Course gratefully acknowledges the support of the following companies:

Bracco Diagnostics Calgary Scientific Elsevier GE Healthcare Guerbet Invivo Philips Healthcare Siemens Healthineers The Society of Abdominal Radiology c/o International Meeting Managers, Inc. 4550 Post Oak Place, Suite 342 Houston, TX 77027

Non-Profit Org. U.S. Postage PAID Houston, Texas Permit No. 1362



SAR 2019 ANNUAL SCIENTIFIC MEETING AND EDUCATIONAL COURSE

What Is This?

This symbol is called a "QR Code" and it enables your smartphone to instantly access the meeting website.

To use it, you'll need to download a free QR app (available from your phone's application store) if you don't already have one. Next, take a photo of the QR Code and you'll be instantially applications. instantly connected to the meeting website.