



The ASER 2019 Annual Scientific Meeting and Postgraduate Course in Emergency and Trauma Radiology

HIGHLIGHTS

- 24.75 hours of CME*
- 2 SAMS (DECT/ MCI)
- 96 faculty members
- Hands-on-Training (DECT and MCI)
- Return of popular H2T Trauma course
- Social, Networking and Mentoring Events

*Subject to accreditation approval

SEPTEMBER 11 - 14, 2019

Hyatt Regency Scottsdale Resort
& Spa at Gainey Ranch
Scottsdale, Arizona

www.aser.org

ASER FACULTY LIST

Hani Abujudeh, MD, MBA
Anjali Agrawal, MD
Stephan Anderson, MD
Krystal Archer-Arroyo, MD
Ashwin Asrani, MD
Arthur Baghdanian, MD
Armonde Baghdanian, MD
Sudheer Balakrishnan, MD
Gregg Bean, MD
Nicholas Beckmann, MD
Ludo Beenen, MD
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Ron Bilow, MD*
Craig Blackmore, MD, MPH*
Uttam Bodanapally, MBBS
Jeremy Brown, MD
Marc Camacho, MD, MS
Susan Cross, MD
Gary Danton, MD
Melissa Davis, MD
Jeff Dileo, MD
Jeff Dunkle, MD
Anthony Durso, MD
Kathleen Fink, MD
Carl Flink, MD
Kara Gaetke-Udager, MD
Daniel Grabo, MD
Joseph Graves, MD
Joel Gross, MD*
Avneesh Gupta, MD
Tarek Hanna, MD
Terrance Healey, MD
Keith Herr, MD
Brandi Hicks, MD
Robin Hines, MD*
Jamlik-Omari Johnson, MD*
Michele Johnson, MD*
Julie Kaczmark, MD
Summer Kaplan, MD
Douglas Katz, MD*
Ashish Khandelwal, MBBS, MD
Faisal Khosa, MD, MBA, FFRRCSI,
FRCPC, DABR
Bharti Khurana, MD
George Koberlein, MD
Wayne Kubal, MD*
Manickam Kumaravel, MD*

Sara Lay, MD
Christina LeBedis, MD
James Lee, MD
Robin B. Levenson, MD
Ken Linnau, MD, MS*
Hao Lo, MD
Charles Luttenton, MD, FACR, FASER*
Ruth Magera, MD, MBA
Michael Mazza, MD
Patrick D. McLaughlin, FRCR
Jonathan Medverd, MD
Vincent Mellnick, MD
Jonathan Mezrich, MD, JD, MBA, LLM
Felipe Munera, MD*
Lee Myers, MD
Refky Nicola, DO
Savvas Nicolaou, MD*
Koenraad Niebor, MD
Diego Nunez, MD, MPH, FACR*
Fabio Paes, MD, MBA
Maria O. Patino, MD
Michael Patlas, MD
Barbara Pawley, MD
Ryan B. Peterson, MD
Christopher Potter, MD
Tom Ptak, MD, PhD, MPH*
Constantine Raptis, MD
Sruvanthi Reddy, MD*
Michael Repplinger, MD, PhD
Eric Roberge, MD
Jessica Rotman, MD
Vinay Sandhir, MD
Claire K. Sandstrom, MD
Samir Shah, MD
Adnan Sheikh, MD
Ajay Singh, MD
Clint Sliker, MD*
Aaron Sodickson, MD, PHD*
Jorge Soto, MD*
Susanna Spence, MD
Scott Steenburg, MD
Jennifer W. Uyeda, MD
Mona Vakil, MD
Nupur Verma, MD
O. Clark West, MD, FASER, FACR*
Jeremy Wortman, MD
Adam Wright, MD
HeiShun Yu, MD

*Fellow of ASER

COURSE OVERVIEW AND INTENDED AUDIENCE

The 2019 ASER Annual Meeting will provide a broad overview of current state-of-the-art imaging techniques to evaluate the acutely ill and injured patient. Educational sessions covering the latest advances and trends in emergency and trauma radiologic diagnosis and sessions presenting new and original scientific work are included. The meeting provides an opportunity to meet with international colleagues and discuss new and challenging aspects of emergency and trauma imaging.

The meeting is of particular interest and importance to clinical radiologists, both in the community and academic centers, delivering emergency care. Subspecialists in emergency radiology, neuroradiology, musculoskeletal radiology, chest and abdominal radiology, radiology residents and fellows, and emergency physicians at all levels of training will also find the educational and scientific material presented at the ASER meeting essential to their core and on-call knowledge base. The Trauma Head-to-Toe course held on the last two days of the meeting is well-suited for radiology residents preparing for emergency radiology coverage and is an excellent review for all radiologists covering trauma centers.

MEETING GOALS AND LEARNING OBJECTIVES

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

- (1) Select the most appropriate imaging approaches to allow prompt assessment of the injured and acutely ill patient.
- (2) Apply optimal techniques to the acquisition of various imaging examinations commonly used in the emergency setting, maximizing diagnostic potential and considering patient safety.
- (3) Develop and utilize a systematic approach to the assessment of traumatic injuries and non-traumatic acute diseases, from head to toe.
- (4) Understand and be better able to implement the requirements for delivering continuous high quality care in an emergency radiology service, as well as throughout the unique circumstances that accompany mass casualty incidents.
- (5) Apply the latest imaging technologies and techniques for the investigation of the acutely ill or injured patient in the ED (e.g. Dual energy CT, ultrasound, MRI, and trauma whole-body CT).

CME ACCREDITATION AND CREDIT DESIGNATION

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 Continuing Medical Education Resources and the American Society of Emergency Radiology. Continuing Medical Education Resources is accredited by the ACCME to provide continuing medical education for physicians.

Continuing Medical Education Resources designates this live educational activity for a maximum of 32 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

SELF-ASSESSMENT MODULE INFORMATION

Any Self-Assessment Modules (SAM) presented in this activity, are qualified by the American Board of Radiology in meeting the criteria for Part 2 self-assessment CME (SA-CME) as part of the ABR Maintenance of Certification program. You may register to receive SA-CME credit for these sessions and pay the associated \$35 fee during the registration process.

MASS CASUALTY HANDS-ON WORKSHOP

Friday, September 13, 2019 from 3:45 - 6:55 pm · \$100 Additional Registration Required. This workshop provides radiologists with knowledge of how they can optimize the handling of mass casualties. Short didactic lectures and primarily small group problem-solving activities guided by experienced faculty will ensure valuable interaction. After attending the Workshop, participants will be able to deal with topics crucial for mass casualty preparedness planning, like evaluating threats, identifying and prioritizing key radiology tasks, measuring required capabilities, and coordinating with the hospital system.

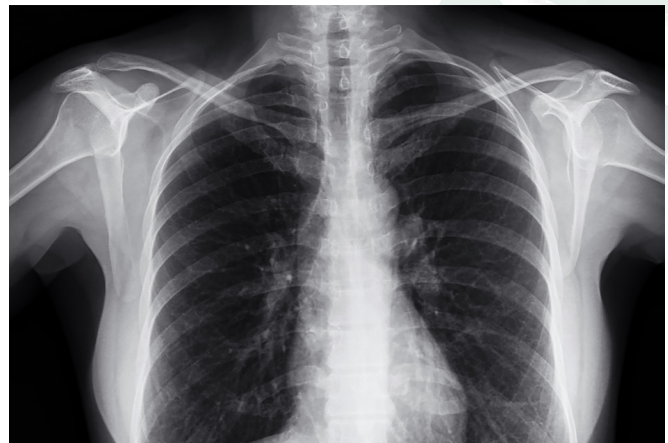
RETURN ON YOUR INVESTMENT

Consider the benefits received from attending this meeting:

- Top-Quality Education: A wide-ranging educational experience reflecting the latest advances in emergency radiology.

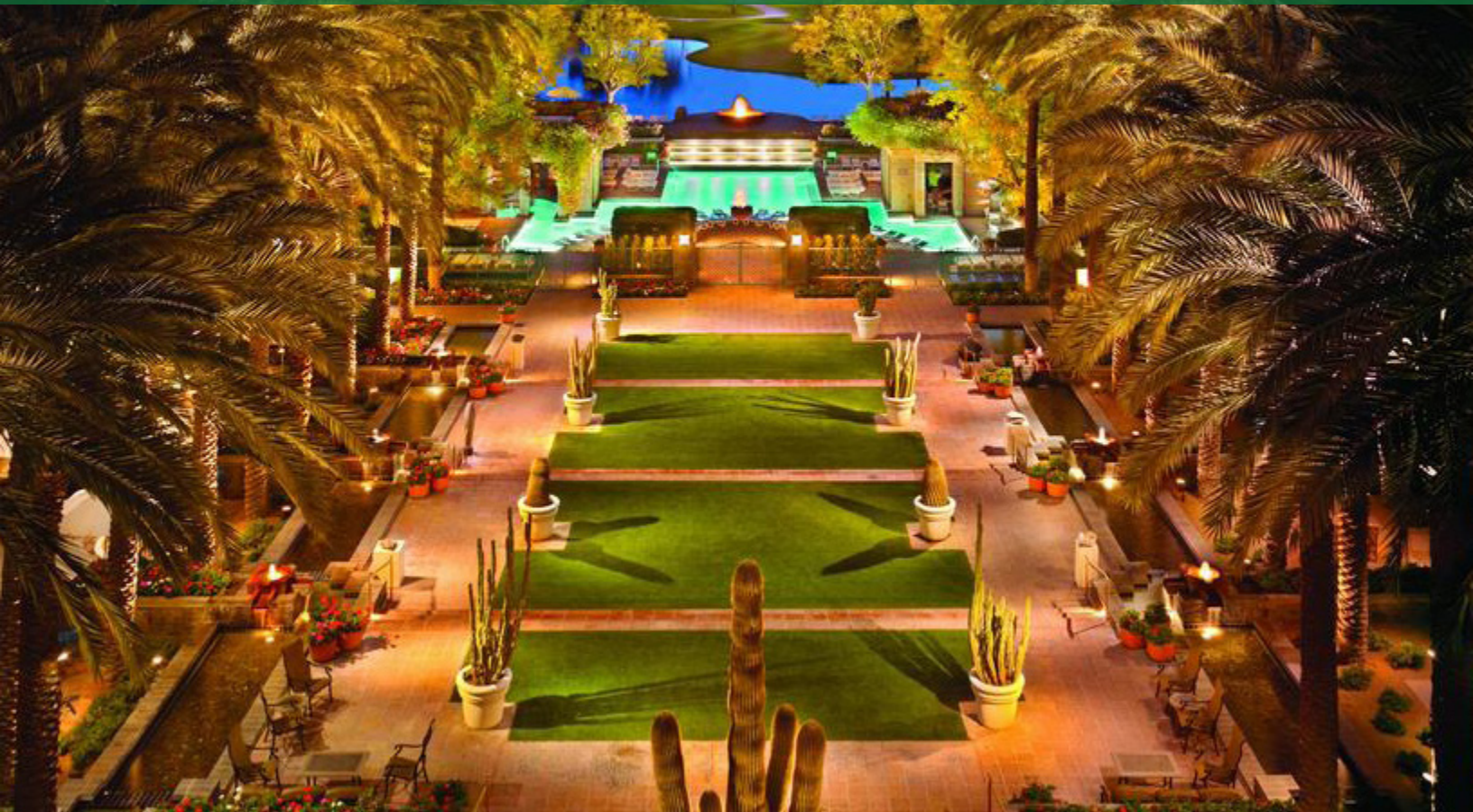
Rush University Medical Center is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. Rush University Medical Center designates this live activity for AMA PRA Category 1 Credit(s)™

*Exact number of CME hours will be updated on the ASER website once approved by the accrediting institution. Physicians should claim only credit commensurate with the extent of their participation in the activity.



HOTEL, TRAVEL & TRANSPORTATION & REGISTRATION INFORMATION

Discover the infinite beauty and natural wonders of the Sonoran Desert encompassing our breathtaking 27-acre Scottsdale family resort. Set amidst flowering cactus and framed against the majestic McDowell Mountains, our Arizona destination is surrounded by adventures and miles from the ordinary. Enjoy stunning views blended with intriguing Native American culture as you take advantage of our indulgent lifestyle amenities.



HOTEL INFORMATION

HYATT REGENCY SC OTTSDALE

7500 E. Doubletree Ranch Road • Scottsdale, Arizona 85258
Please call the hotel directly 1.480.444.1234 for additional information concerning reservations and room categories.

RESERVATIONS: 1.480.444.1234 or

<https://www.hyatt.com/group-booking/SCOTT/G-ASER>.

Attendees are responsible for making their reservations by calling the hotel.

ROOM RATE

\$209.00 Superior/Deluxe
\$259.00 Courtyard View
\$284.00 Premium View
\$309.00 Regency Club Rooms

Check-in time is after 4:00 pm. Check-out time is 12:00 noon.

Rates are for single or double occupancy and do not include applicable state and hotel accommodations tax which is currently 13.92% per night.

The American Society of Emergency Radiology strongly encourages you to book your overnight accommodations at The Hyatt Regency Scottsdale. By staying at the conference headquarters hotel, you help the Society meet its contractual obligations with the hotel and maintain your current conference benefits, as well as keep future hotel guest room rates and registration fees reasonable.

PARKING

\$10 Self Parking fee per night
\$21 Valet Parking fee per night
72 hour cancellation policy

HOTEL DEADLINE

The cut-off-date for online bookings is August 20, 2019. Reservations received after this date will be charged an increased rate. It is possible that hotel rooms and/or specific categories may sell out prior to August 20; therefore it is strongly recommended that you make your reservation as early as possible. Room rates are available three days prior and following actual meeting dates, subject to availability.

A credit card is required to book your accommodations. The credit card on file will not be charged unless the individual no-shows without proper notice of cancellation (prior to 4:00pm the day before arrival).

HOTEL DEPOSIT AND CANCELLATION POLICY

The reservations can be modified and cancelled on-line for the conference period as long as rooms from the contracted block are available. After the cut-off date of 20th of August 2019, all reservations will be upon availability. Hotel will require only a first night's deposit to confirm a guestroom reservation for GROUP's attendees. Personal check, money order or any valid major credit card with a number and expiration date are acceptable. The deposit will not be charged against the credit card unless the individual no-shows without proper notice of cancellation.

AIRLINE & TRANSPORTATION & REGISTRATION INFORMATION



AIRLINE TRANSPORTATION

United Airlines is an official carrier for the conference. United offers 2% to 10% discounts off published or zone fares. For fare and schedule information and to make reservations, visit www.united.com/meetingtravel, or call United Airlines Meetings at 1-800-426-1122.

Refer to Z Code: ZFNG and Agreement Code: 103483 when making your reservation.

A \$25 service fee will be collected, per ticket, for all tickets that are issued through Meetings Reservations. This fee is non-refundable and applies to all itineraries, one-way or roundtrip. To avoid this service fee and receive an additional discount on published fares, book online at www.united.com/meetingtravel. Enter the Z code and Agreement Code **(without a space) in the offer code box: ZFNG103483**

Discounts will be authorized according to the following classes of service:

2% = Class T, L, K, G
5% = Class A, B, M, E, U, H, Q, V, W, S,
10% = Class J, C, D, Z, P, O, Y

Discounts valid on airfare to Phoenix from Sept 5 – 20, 2019

GROUND TRANSPORTATION

Getting to the Hyatt Regency Scottsdale Resort and Spa at Gainey Ranch 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. The Hyatt Regency Scottsdale Resort and Spa is located only 18 miles northeast of Phoenix Sky Harbor International Airport (PHX).

TAXI

Approximate taxi fare from the Phoenix Sky Harbor International Airport to the Hyatt Regency Scottsdale Resort and Spa is \$45.00 one way.

SHUTTLE

Super Shuttle vans are a popular and convenient transportation option. Average shuttle price is \$22.00 for the first passenger one way.

REGISTRATION AND EXHIBIT HOURS



REGISTRATION/INFORMATION DESK HOURS

Monday, September 9, 2019	7:00am - 5:00pm
Tuesday, September 10, 2019	7:00am - 5:00pm
Wednesday, September 11, 2019	7:00am - 5:00pm
Thursday, September 12, 2019	7:00am - 5:00pm
Friday, September 13, 2019	7:00am - 5:00pm

EXHIBIT HALL HOURS

Wednesday, September 11, 2019	7:00am - 4:00pm
Thursday, September 12, 2019	7:00am - 4:00pm
Friday, September 13, 2019	7:00am - 4:00pm

WELCOME RECEPTION

Wednesday, September 11, 2019
TIME: 6:30 pm - 8:30 pm PST
ATTIRE: Business Casual

WEDNESDAY, SEPTEMBER 11, 2019

6:30 am – 6:00 pm	Registration/Information Desk Open
7:15 am – 8:00 am	Continental Breakfast
8:00 am – 8:10 am	Welcome <i>Aaron Sodickson, MD, PhD</i>
8:10 am – 9:50 am	Founders' Session Emergency Imaging: The Next 30 Years Moderator: <i>Jamlik-Omari Johnson, MD</i>
8:10 am	Introduction of Founders' Lecturer <i>Aaron Sodickson, MD, PhD</i>
8:15 am	Founders' Lecture: Emergency Imaging – the Next 30 Years <i>Jamlik-Omari Johnson, MD</i>
8:40 am	Emergency Imaging:Teleradiology and Mega-Practices <i>Samir Shah, MD</i>
8:55 am	Emergency Imaging: Future Practice Patterns <i>Hani Abujudeh, MD, MBA</i>
9:10 am	Emergency Imaging:Technology as a Disrupter <i>TBA</i>
9:25 am	Emergency Imaging Reaserch: NIH Office of Emergency Care Research <i>Jeremy Brown, MD</i>
9:35 am	Q & A
9:45 am – 10:10 am	Break
10:10 am – 11:40 am	Non-Traumatic Neuro-Imaging Moderators: <i>Tarek Hanna, MD and Christopher Potter, MD</i>
10:10 am	Intracranial Emergencies: Beyond Stroke <i>Ryan Peterson, MD</i>
10:25 am	Emergent Postoperative Complications of the Brain and Spine <i>Kathleen Fink, MD</i>
10:40 am	Head and Neck Emergencies <i>Christopher Potter, MD</i>
10:55 am	Spine Infection <i>Wayne Kubal, MD</i>
11:10 am	ARS – Stroke: Learning with Challenging Cases <i>Diego Nunez, MD, MPH, FACR</i>
11:30 am	Q & A
11:45am - 1:05pm	Lunch and Industry Sponsored Speaker Program
1:10 pm – 2:40 pm	Non-Traumatic Chest Imaging Moderators: <i>Marc Camacho, MD, MS and Robin B. Levenson, MD</i>
1:10 pm	Non-coronary Cardiac Emergencies: A Primer for the ED <i>Sanjeev Bhalla, MD</i>
1:25 pm	Acute Aorta: Mimics, Pitfalls, & Difficult Cases <i>Constantine Raptis, MD</i>
1:40 pm	Acute Nonvascular Mediastinal Emergencies: The "Other" Causes of Chest Pain <i>Uttam Bodanapally, MBBS</i>
1:55 pm	Acute pulmonary disease for the Emergency Radiologist: Beyond "Infectious and Inflammatory Etiology" <i>Terrance Healey, MD</i>
2:10 pm	Thump or Stump? Challenging Acute Chest ARS Cases <i>Marc Camacho, MD, MS</i>
2:30 pm	Q & A
2:40 pm – 3:00 pm	Break
3:00 pm – 4:30 pm	Scientific Session I Moderators: <i>Julie Kaczmark, MD and Carl Flink, MD</i>
3:00 pm – 4:30 pm	Non-Member Meet and Greet
4:30 pm – 7:00 pm	Welcome Reception

THURSDAY, SEPTEMBER 12, 2019

6:00 am – 5:00 pm	Registration/Information Desk Open
7:00 am – 8:00 am	Breakfast and Industry Sponsored Speaker
8:00 am – 9:30 am	Dual Energy CT Self-Assessment Module (SAM credit available) Moderators: <i>Krystal Arroyo-Archer, MD and Jeremy Wortman, MD</i>
8:00 am	Fundamentals of DECT <i>Aaron Sodickson, MD, PhD</i>
8:15 am	DECT in the ER: Making a Difference <i>Savvas Nicolaou, MD</i>
8:30 am	DECT in the Trauma Setting <i>Krystal Archer-Arroyo, MD</i>
8:45 am	Incidentalomas <i>Jeremy Wortman, MD</i>
9:00 am	ARS <i>Avneesh Gupta, MD</i>
9:20 am	Q & A
9:30 am - 9:50 am	Break
NON-TRAUMATIC EMERGENCY TRACK	
9:50 am – 11:35 am	Non-Traumatic Body Imaging Moderator: <i>Jennifer Uyeda, MD</i>
9:50 am	Postoperative abdominal and pelvic complications <i>HeiShun Yu, MD</i>
10:05 am	CT of bowel obstruction: what really matters? <i>Jorge A. Soto, MD</i>
10:20 am	Right flank pain in the Emergency Department <i>Jennifer W. Uyeda, MD</i>
10:35 am	Imaging acute appendicitis <i>Stephan W. Anderson, MD</i>
10:50 am	CT of Upper Gastrointestinal Emergencies <i>Vincent Mellnick, MD</i>
11:05 am	ARS- Solid and GI torsion in the ER <i>James Lee, MD</i>
11:25 am	Q & A
DUAL-ENERGY CT TRACK	
9:50 am – 11:35 am	DECT Workshop Hands-On Session
11:35 am – 1:05 pm	Lunch and Industry Sponsored Speaker
NON-TRAUMATIC EMERGENCY TRACK	
1:05 pm – 2:50 pm	Non-Traumatic Musculoskeletal Imaging Moderators: <i>Susanna Spence, MD and Nicholas Beckmann, MD</i>
1:05 pm	Imaging of Osteomyelitis/Septic Joint <i>Nicholas Beckmann, MD</i>
1:20 pm	The Day the Marathon Came to Town <i>Craig Blackmore, MD, MPH</i>
1:35 pm	Bone Lesions in the ED: Common Scenarios, Challenging Cases and Imaging Management <i>Tarek Hanna, MD</i>
1:50 pm	Arthroplasty Complications Presenting Acutely <i>Jonathan Medverd, MD</i>
2:05 pm	Imaging of Acute Joint Pain <i>Ajay Singh, MD</i>
2:20 pm	ARS – Musculoskeletal Ultrasound in the Emergency Center <i>Kara Gaetke-Udager, MD</i>
2:40 pm	Q & A
DUAL-ENERGY CT TRACK	
1:05 pm – 2:50 pm	DECT Workshop Hands-On Session
2:50 pm – 3:10 pm	Break
3:10 pm – 4:40 pm	ASER Annual Update Open to all attendees. (Members and Non-members are both encouraged to attend.)
4:40 pm – 6:10 pm	Scientific Session II Moderators: <i>Ruth Magera, MD, MBA and Michael Repplinger, MD, PhD</i>

FRIDAY, SEPTEMBER 13, 2019

WHITE WATER RAFTING (Registration Required)

12:00 pm – 7:00 pm	Registration/Information Desk Open
1:00 pm – 2:40 pm	Mass Casualty SAM MCI SAM Moderators: <i>Susan Cross, MD and O. Clark West, MD, FACR</i>
1:00 pm	Getting Buy-in: Why Bother? <i>Daniel Grabo, MD</i>
1:15 pm	Plan the Unplannable <i>Ferco Berger, MD, FESER, FASER</i>
1:30 pm	Known Unknowns and Unknown Unknowns - Capturing the Benefit of Experience <i>Susan Cross, MD</i>
1:45 pm	Getting Ready for Disaster School - Old Dogs CAN Learn New Tricks <i>Ron Bilow, MD</i>
2:00 pm	ARS <i>Eric Roberge, MD</i>
2:20 pm	Q & A
2:30 pm – 2:35 pm	ACR Announcement: ACR Education Center <i>Vinay Sandir, MD</i>
2:35 pm – 3:25pm	Awards Ceremony and Fellow Pinning

3:25 pm – 3:45 pm Break

TRAUMA HEAD-TO-TOE TRACK

3:45 pm – 5:15 pm	Trauma Head to Toe Neuro/Spine/Head/Neck Moderators: <i>Michele Johnson, MD and Joel Gross, MD</i>
3:45 pm	Head Trauma: Typical Findings, Mimics, and Misdiagnoses <i>Maria O. Patino, MD</i>
4:00 pm	Maxillofacial Trauma: Red Flags and Hidden Implications <i>Susanna Spence, MD</i>
4:15 pm	Difficult Diagnoses in Cervical Spine Trauma <i>Claire K. Sandstrom, MD</i>
4:30 pm	Blunt Cerebrovascular Injury (BCVI): Findings, Outcomes and Controversies <i>Clint Sliker, MD</i>
4:45 pm	ARS: Head and Neck Trauma Cases <i>Scott Steenberg, MD</i>
5:05 pm	Q & A

5:15 pm – 5:25 pm Break

5:25 pm – 6:55 pm	Trauma Head-to-Toe Chest Moderators: <i>Scott Steenberg, MD and Gayatri Joshi, MD</i>
5:25 pm	Blunt Mediastinal and Cardiac Trauma <i>Anthony Durso, MD</i>
5:40 pm	Penetrating Thoracic Trauma: Imaging Findings that Alter Management <i>Patrick D. McLaughlin, FRCR</i>
5:55 pm	Pediatric Chest Trauma <i>George Koberlein, MD</i>
6:10 pm	Chest Ultrasound in Trauma <i>Ludo Beenen, MD</i>
6:25 pm	ARS: Chest Trauma Cases <i>Nupur Verma, MD</i>
6:45 pm	Q & A

3:45 pm – 5:15 pm	Mass Casualty Workshop Faculty: <i>Eric Roberge, MD, Ferco Berger, MD, Ron Bilow, MD, Adam Wright, MD, Koenraad Nieboer, MD, Ken Linnau, MD, MS, Mark Bernstein, MD, Susan Cross, Lee Myers, MD, Jamlik-Omari Johnson, MD, Tom Ptak, MD, PhD, MPH, Brandi Hicks, MD, Faisal Khosa, MD, MBA, Krystal Archer-Arroyo, MD, Christopher Potter, MD and Joseph Hunt, MD</i>
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5:15 pm – 5:25 pm Break

5:25 pm – 6:55 pm Mass Casualty Workshop (Con't)

ASER SOCIAL EVENT: BOWLING (REGISTRATION REQUIRED)

SATURDAY, SEPTEMBER 14, 2019

7:00 am – 5:30 pm	Registration/Information Desk Open
7:00 am – 8:00 am	Breakfast in the Exhibit Hall
8:00 am – 9:30 am	Educational Poster - Oral Presentations (Members Only) Moderators: <i>Anjali Agrawal, MD and Mona Vakil, MD</i>
9:30 am – 9:40 am	Break
TRAUMA HEAD-TO-TOE TRACK	
9:40 am – 11:25 am	Trauma Head to Toe Body (GI/GU/GYN) Moderators: <i>Joseph Graves, MD and Charles Luttenton, MD, FACR, FASER</i>
9:40 am	AAST 2018 updates: Liver, Spleen and Kidney <i>Arthur Baghdanian, MD</i>
9:55 am	Blunt Bowel and Mesenteric Injury <i>Christina LeBedis, MD</i>
10:10 am	Abdominal Trauma in Pregnant Patient <i>Douglas Katz, MD</i>
10:25 am	Damage Control Surgery <i>Armonde Baghdanian, MD</i>
10:40 am	Penetrating Trauma: Pearls and Pitfalls <i>Michael Atlas, MD</i>
10:55 am	ARS <i>Savvas Nicolaou, MD</i>
11:15 am	Q & A
11:25 am – 11:35 am	Break
11:35 am – 12:55 pm	Case-of-the-Day presentations Moderators: <i>Vincent Mellnick, MD and Refky Nicola, DO</i>
NON-INTERPRETIVE TOPICS TRACK	
9:40 am – 11:25 am	Non-Interpretive Topics (NIT) - I Moderators: <i>Sravanthi Reddy, MD and Clint Sliker, MD</i>
9:40 am	Enhancing Empathy in Emergency Radiology <i>Keith Herr, MD</i>
9:55 am	Outcomes and Metrics in Emergency Radiology <i>Melissa Davis, MD</i>
10:10 am	Evolving Efficiencies in Emergency Radiology - Telecommuting Humans and Intelligent Clouds <i>Anjali Agrawal, MD</i>
10:25 am	Medicolegal Issues in Emergency Radiology: Communication <i>Jonathan Mezrich, MD, JD, MBA, LLM</i>
10:40 am	Current State of Emergency Radiology Fellowships <i>Lee Myers, MD</i>
10:55 am	Promotions/Career Advancement/ARS <i>Sravanthi Reddy, MD</i>
11:15 am	Q & A
11:25 am – 11:35 am	Break
11:35 am – 12:55 pm	Non-Interpretive Topics (NIT) II - Organizing and Maintaining an Emergency Radiology Service – Panel discussion Moderator: <i>Clint Sliker, MD</i>
11:35 am	Introduction <i>O. Clark West, MD, FACR</i>
11:40 am	<i>Robin Hines, MD</i>
11:55 am	<i>Jeff Dunkle, MD</i>
12:10 pm	<i>Aaron Sodickson, MD, PhD</i>
12:25 pm	<i>Tom Ptak, MD, PhD, MPH</i>
12:45 pm	Q & A
12:55 pm – 2:10 pm	Lunch in Exhibit Hall
12:55 pm – 2:10 pm	Women's Networking Luncheon (Registration required)

SATURDAY, SEPTEMBER 14, 2019 continued**TRAUMA HEAD-TO-TOE TRACK**

2:10 pm – 3:40 pm	Trauma Head to Toe Vascular	Moderators: <i>Gary Danton, MD and Bharti Khurana, MD</i>
2:10 pm	Head and neck Vascular Trauma	<i>Jeff Dileo, MD</i>
2:25 pm	Thoracoabdominal Vascular Trauma	<i>Felipe Munera, MD</i>
2:40 pm	Peripheral Vascular Trauma	<i>Ashish Khandelwal, MD</i>
2:55 pm	Vascular Trauma: What the surgeon wants to know	<i>Gary Danton, MD</i>
3:10 pm	ARS: Vascular Trauma	<i>Fabio Paes, MD, MBA</i>
3:30 pm	Q & A	

NON-TRAUMATIC EMERGENCY TRACK

2:10 pm – 3:40 pm	Intergenerational Imaging: Children, Women, and Elders	Moderators: <i>Anjali Agrawal, MD and Nupur Verma, MD</i>
2:10 pm	Pediatric Radiology in the ER is No SMALL Matter: Key Cases	<i>Barbara Pawley, MD</i>
2:25 pm	Making the Invisible Visible: Bringing Intimate Partner Violence into Focus	<i>Bharti Khurana, MD</i>
2:40 pm	Elder Abuse: Challenges in Detection and the Role of the Radiologist	<i>Michael Mazza, MD</i>
2:55 pm	Pediatric Lumps and Bumps from Tip to Toe	<i>Summer Kaplan, MD</i>
3:10 pm	Audience Response System: Case Mix	<i>Carl Flink, MD</i>
3:30 pm	Q & A	

3:40 pm – 4:00 pm Break**TRAUMA HEAD-TO-TOE TRACK**

4:00 pm – 5:30 pm	Trauma Head-to-Toe: Musculoskeletal	Moderators: <i>Jessica Rotman, MD and Ashwin Asrani, MD</i>
4:00 pm	Shoulder Trauma	<i>Gregg Bean, MD</i>
4:15 pm	Elbow Trauma	<i>Manickam Kumaravel, MD</i>
4:30 pm	Knee Trauma	<i>Ashwin Asrani, MD</i>
4:45 pm	Ankle Trauma	<i>Adnan Sheikh, MD</i>
5:00 pm	ARS	
5:20 pm	Q & A	

NON-TRAUMATIC EMERGENCY TRACK

4:00 pm - 5:30 pm	Infection and Ultrasound (Lee Myers)	Moderators: <i>Lee A. Myers, MD and Hao Lo, MD</i>
4:00 pm	Necrotizing Soft Tissue Infections	<i>Sudheer Balakrishnan, MD</i>
4:15 pm	Hepatobiliary Infections	<i>Ashish Khandelwal, MBBS, MD</i>
4:30 pm	Female GU Infections	<i>Refky Nicola, MD</i>
4:45 pm	Male GU Infections	<i>Carl Flink, MD</i>
5:00 pm	ARS	<i>Hao Lo, MD</i>
5:20 pm	Q & A	
5:30 pm	ADJOURN	

2019 REGISTRATION FORM

	On or Before 7/22/2019 12 pm CST	After 7/22/2019 12 pm CST	One Day	On-Site
ASER Member*	\$795	\$895	\$350	\$945
Non-Member (Physician)	\$945	\$1,045	\$400	\$1,095
ASER Member-in-Training	\$495	\$570	\$225	\$595
Non-Member-in-Training	\$595	\$670	\$250	\$695
Allied Health or Military	\$595	\$670	\$250	\$695
Two-Day Trauma Head-to-Toe Course**	\$95	\$95	\$95	\$95
DECT Workshop	\$150	\$150	\$150	\$150
Mass Casualty Workshop	\$100	\$100	\$100	\$100
Women in ASER Annual Lunch	\$25	\$25	\$25	\$25
OTHER EVENTS:				
ASER Bowling Night Out	\$55	\$55	\$55	\$55
White Water Rafting	\$138	\$138	\$138	\$138

GRAND TOTAL

= \$ _____

*Existing Members: To be eligible for the discounted member registration rate, member dues must be paid in full through 2019 by the start of the meeting (9/11/19), or your meeting registration will be charged the difference for the non-member fee.

*New Member Applicants: To be eligible for the discounted member registration rate, the ASER Office must receive your complete membership application by the early-bird registration deadline (7/22/19), or your meeting registration will be charged the difference for the non-member fee.

**The ASER is offering discounted registration for this two-day course to the first 60 residents or fellows interested in emergency radiology who are in-training at the time of the meeting. Proof of resident and fellow status must be emailed to info@aser.org.

PAYMENT INFORMATION

The ASER requires full payment for registration fees and optional activities by check or credit card.

Check* (payable to the ASER) Visa MasterCard American Express Discover

Credit Card #:

Expiration Date:

CVV#:

Name on Credit Card

Billing Address:

Signature:

The Issuer of the card identified on this item is authorized to pay the amount shown as TOTAL upon proper presentation. I promise to pay such TOTAL (together with any other charges due thereon) subject to and in accordance with the agreement governing the use of such card.

PHONE REGISTRATIONS CANNOT BE ACCEPTED.

Acceptable registration methods include

• **Mail:** The American Society of Emergency Radiology
1061 East Main Street, Suite 300
East Dundee, IL 60118

• **Online:** www.aser.org

If paying by check, please forward payment to:

ASER Attn: Registration 1061 East Main Street, Suite 300 East Dundee, IL 60118

REGISTRATION CANCELLATION & REFUND POLICY

Registration refund requests must be submitted in writing to the ASER Executive Office by 7/20/2019. All refund requests will be subject to a \$100 processing fee. No refunds will be made after 7/20/2019.

ASER welcomes the opportunity to keep in touch with you by providing information regarding ASER educational events and activities. You have the right to opt out of these communications at any time in the future by sending an email to info@aser.org. The ASER privacy policy is available on the website.

I do not want to be contacted for future ASER educational events and activities.