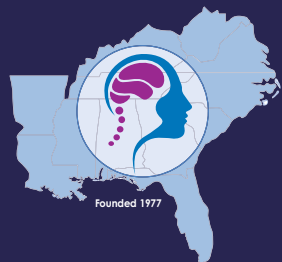


# 48<sup>th</sup> Annual Meeting Southeastern Neuroradiological Society

October 17-20, 2024

The Omni Grove Park Inn  
Asheville, NC



# Welcome from the Program Chair



**Erik Middlebrooks, MD**  
President/Program Chair



**Sugoto Mukherjee, MD**  
Vice President/Program Chair

Dear Friends,

It brings me great pleasure to invite you all to join us for the 48th Annual Meeting of the Southeastern Neuroradiological Society, which will convene from Oct 17-20, 2024, in Asheville, NC, at the historic Omni Grove Park Inn, providing an ideal backdrop for our educational endeavors.

Our 2024 annual meeting boasts an impressive lineup of neuroradiology experts covering challenging neuroimaging topics and exploring cutting-edge technologies. Subspecialty sections on head & neck, pediatric, spine, oncology, vascular imaging, and more will delve into topics ranging from 7 Tesla MRI, photon counting CT, to artificial intelligence and emerging molecular imaging techniques. The intimate setting fosters meaningful interactions with experts and thought leaders, complemented by activities like “Stump the Stars” and educational exhibits and scientific sessions. Social events include receptions, evening dinners, and a gold medal awards ceremony, enhancing networking opportunities. Aside from the impressive speakers and stimulating topics, what truly distinguishes this event is the chance it provides to cultivate friendships and forge collaborations.

We are honored to have Dr. Ana Franceschi, MD, from the Donald and Barbara Zucker School of Medicine at Hofstra/Northwell, as our Keynote Speaker, renowned for her expertise in molecular imaging markers and hybrid imaging techniques. Additionally, Dr. Richard Duszak, Chair of Radiology at the University of Mississippi, will deliver the Annual Chris Ullrich Lecture on the evolving role of non-physician practitioners in radiology.

The Omni Grove Park Inn Resort & Spa offers a quintessential Southern experience with its splendid views, exceptional service, and array of activities, ensuring a rewarding and enjoyable stay for attendees.

We eagerly anticipate welcoming you to the Annual Meeting of the Southeastern Neuroradiological Society, promising an enriching blend of education and relaxation amidst the beauty of the Blue Ridge Mountains.

Warm regards,

**Sugoto Mukherjee**  
President-Elect and Program Chair

For more information contact:  
Debbie Griffin  
(919) 215-3599  
SENRSinformation@gmail.com

**JOINT ACCREDITATION:** In support of improving patient care, the Duke University Health System Department of Clinical Education & Professional Development is accredited by the American Nurses Credentialing Center (ANCC), the Accreditation Council for Pharmacy Education (ACPE), and the Accreditation Council for Continuing Medical Education (ACCME), to provide continuing education for the health care team.

**CREDIT DESIGNATION:** Duke University Health System Department of Clinical Education and Professional Development designates this live activity for a maximum of *15 AMA PRA Category 1 Credit(s)*<sup>TM</sup>. Physicians should claim only credit commensurate with the extent of their participation in the activity.



**RESOLUTION OF CONFLICTS OF INTEREST:** Duke University Health System Clinical Education & Professional Development has implemented a process to resolve any potential conflicts of interest for each continuing education activity in order to help ensure content objectivity, independence, fair balance, and the content that is aligned with the interest of the public.



## The Omni Grove Park Inn Resort & Spa in Asheville, North Carolina

The Omni Grove Park Inn Resort & Spa in Asheville, North Carolina is one of the American South's oldest and most famous grand resorts. Built in 1913 overlooking the Blue Ridge Mountains, the Inn is a favorite year-round destination. Its splendid views, old world charm, peerless amenities, long tradition of exceptional service and hospitality make it a place to savor as one of the most enduringly original and exciting resorts in America.

Amenities include golf, tennis, two pools, sports complex, 18-station Paramount fitness center, shops, fine dining and children's programs and the finest spa in North America with over 40,000 square feet dedicated to your relaxation.

Guest rooms in the Historic Main Inn are newly refurbished and contain original solid oak furnishings. Additional features include refrigerators, coffee makers, irons and ironing boards, in-room safes, in-room pay movies, cable television, voice mail, dataports, and windows that open for fresh mountain air. Both mountain view and property view rooms are available in both the contemporary wings and historic Main Inn. The mountain view rooms face the Blue Ridge and Smoky mountain ranges with the golf course below and the City of Asheville in between. The property view rooms overlook the Spa or the front courtyard.

### Getting to The Omni Grove Park Inn Resort & Spa

Asheville is located in the Western North Carolina mountains which is home to the highest mountains east of the Mississippi River. The Omni Grove Park Inn is located just off I-40 (take I-240 into Asheville). The Asheville Regional Airport (AVL) is nine miles southeast of Asheville (25 minutes from the The Omni Grove Park Inn).

### Meeting Social Events

- Buffet dinner Thursday, 7 pm
- Awards dinner Friday, 7 pm

**Guests of speakers and attendees must be registered to ensure accurate headcounts.** Please RSVP when registering for the meeting. If plans change, please let us know as soon as possible. **If you RSVP for the dinners and do not attend, you will be charged for the cost of your meal.**



## The Omni Grove Park Inn Resort & Spa in Asheville, North Carolina

### HOTEL RESERVATIONS

**Room rates** are \$429 (Run of House) per night single/ double occupancy for Run of House rooms. Upgraded rooms are available at \$509 for Deluxe Mountain View Rooms, and \$549 for Premium Mountain View Rooms. Executive King Suites at \$804 and Club Rooms at \$894 based upon availability. Current room tax is 13% (subject to change) and all rooms are subject to an additional \$35 mandatory resort charge. This charge is per night per room and includes the following services: toll free and local calling, in-room high speed internet access, entrance to fitness center, in-room coffee and tea, and a newspaper available upon request. Children under 16 stay free in room with parent or adult. There is a \$40 per person charge for third and fourth persons (over 18) sharing a room. Handicap accessible rooms are available. Check-in time is after 4:00 p.m. and check-out time is 11:00 a.m. Valet parking is available for \$35 per night. Self-parking or day pass is \$25 per night/day.

A block of rooms has been reserved for the dates of this meeting. The rates will be available up to three days prior and three days after the meeting, subject to availability. These rooms will be held until the block is full or until the cut-off date of **Tuesday, September 17, 2024**. The group rates may not be available for reservations made after the cut-off date.

**We suggest you make reservations early.** This is one of the most popular times of year in the Asheville/ Blue Ridge Mountain area as the brilliant color of the changing leaves brings visitors from all over.

**To make reservations, call 1.800.438.5800 and reference Southeastern Neuroradiologic Society.**

**Reservations for resort activities can also be made by calling 1.800.438.5800. It is recommended that reservations for spa treatments, dining reservations and tee times are booked as early as possible to ensure the best selection and times. Make sure to let them know you are with SENRS to receive a 20% discount on current golf pricing.**

Registration fees:

**\$425**  
SENRS Member

**\$675**  
Non-Member

**\$275**  
Guest/Trainee

Registration fees include Thursday dinner and Friday reception and dinner. RSVPs required at time of meeting registration. **Guests must be registered.**

Annual meeting registration is available online at <https://senrs.regfox.com/southeastern-neuroradiological-society-2024>

## 2024 SENRS Speakers

### **Amit Agrawal, MD**

Associate Professor of Radiology  
Mayo Clinic  
Jacksonville, FL

### **Asim K. Bag, MBBS, MD**

Associate Member, Diagnostic Imaging  
St. Jude Children's Research Hospital  
Memphis, TN

### **Katie Carpenter Bailey, MD**

Assistant Professor, Radiology  
University of South Florida  
James Haley VA Hospital  
Tampa, FL

### **Richard D. Beegle, MD**

Department of Radiology  
Mayo Clinic  
Jacksonville, FL

### **Rita G. Bhatia, MD**

Associate Professor Clinical Radiology,  
Otolaryngology and Neurological Surgery  
University of Miami  
Miami, FL

### **Paul M. Bunch, MD**

Associate Professor, Radiology  
Wake Forest School of Medicine  
Winston-Salem, NC

### **Colin P. Derdeyn, MD**

Professor and Chair, Radiology  
University of Virginia  
Charlottesville, VA

### **Austin X. Dixon, MD, MBA**

Assistant Professor  
Duke University Medical Center  
Durham, NC

### **Richard Duszak, Jr., MD**

Professor, Radiology  
University of Mississippi  
Jackson, MS

### **Reza F. Forghani, MD, PhD**

Clinical Professor, Radiology  
Vice Chair of AI  
University of Florida  
Gainesville, FL

### **Alexandra M. Foust, MD**

Assistant Professor, Radiology  
Vanderbilt University  
Nashville, TN

### **Ana M. Franceschi, MD, PhD**

Associate Professor, Radiology  
Lenox Hill Hospital  
New York, NY

### **Vivek Gupta, MD**

Associate Professor, Radiology  
Mayo Clinic  
Jacksonville, FL

### **Kevin D. Hiatt, MD**

Assistant Professor, Radiology  
Wake Forest School of Medicine  
Winston-Salem, NC

### **Anthony Higginbotham, MD**

Assistant Professor  
University of Virginia  
Charlottesville, VA

### **Dhairya A. Lakhani, MD**

Clinical Fellow, Neuroradiology  
Johns Hopkins University  
Baltimore, MD

### **Michael Malinzak, MD, PhD**

Assistant Professor, Radiology  
Duke University Medical Center  
Durham, NC

### **Maria Gisele Matheus, MD**

Associate Professor, Radiology  
Medical University of South Carolina  
Charleston, SC

### **Colin McKnight, MD**

Associate Professor, Radiology  
Vanderbilt University  
Nashville, TN

## 2024 SENRS Speakers (CONTINUED)

### David A. Miller, MD

Assistant Professor, Radiology  
Mayo Clinic  
Jacksonville, FL

### Frank J. Minja, MD

Associate Professor, Radiology  
Emory University  
Atlanta, GA

### Bradford C. Mitchell, MD

Neuroradiologist  
Charlotte Radiology, PA  
Charlotte, NC

### John Murray Jr., MD

Assistant Professor, Radiology  
Mayo Clinic  
Jacksonville, FL

### Natalya Nagornaya, MD

Assistant Professor, Radiology  
University of Miami School of Medicine  
Miami, FL

### Susan Palasis, MD

Professor, Radiology  
Emory University School of Medicine  
Atlanta, GA

### Ephraim Parent, MD PhD

Associate Professor, Radiology  
Mayo Clinic  
Jacksonville, FL

### Sohil H. Patel, MD

Associate Professor, Radiology  
University of Virginia  
Charlottesville, VA

### C. Douglas Phillips, MD

Professor, Radiology  
Weill Cornell Medical College  
New York, NY

### Martin G. Radvany, MD

Clinical Assistant Professor, Radiology  
Nova Southeastern University  
Attending Radiologist  
Lakeland Regional Medical Center  
Lakeland, FL

### Tanvir Rizvi, MBBS, MD

Associate Professor, Radiology  
University of Virginia  
Charlottesville, VA

### Noah D. Sabin, MD, JD

Associate Member, Radiology  
St. Jude Children's Research Hospital  
Memphis, TN

### Gaurav Saigal, MD

Professor of Clinical Radiology  
University of Miami School of Medicine  
Miami, FL

### Sukhwinder Johnny Sandhu, MD

Assistant Professor, Radiology  
Mayo Clinic  
Jacksonville, FL

### Ilona M. Schmalfluss, MD

Clinical Professor  
University of Florida  
North Florida/South Georgia VA  
Gainesville, FL

### Deborah R. Shatzkes, MD

Professor, Radiology and Otolaryngology  
Zucker School of Medicine, Hofstra-Northwell  
New York, NY

### Andrew J. Steven, MD

Staff Radiologist  
Oschner Health System  
New Orleans, LA

### Yang Tang, MD, PhD

Associate Professor, Radiology  
Virginia Commonwealth University  
Richmond, VA

### Charlotte S. Taylor, MD

Assistant Professor, Radiology  
University of Mississippi  
Jackson, MS



## THURSDAY, OCTOBER 17, 2024

### ENT/HEAD & NECK

- 12:00-12:10 pm..... **Opening Remarks**
- 12:10-12:30 pm..... **Patterns of Skull Base Lesions and Their Mimics**  
*Rita Bhatia, MD*
- 12:30-12:50 pm..... **Imaging Workup of Diplopia**  
*Paul Bunch, MD*
- 12:50-1:10 pm..... **Impaled, Inhaled, Ingested: Foreign Bodies in the Head and Neck and Challenging Cases**  
*Charlotte Taylor, MD*
- 1:10-1:30 pm..... **Break**
- 1:30-1:50 pm..... **Salivary Gland Pathology: Case-based Review**  
*Debbie Shatzkes, MD*
- 1:50-2:10 pm..... **Eponymic Head and Neck Lesions**  
*C. Douglas Phillips, MD*
- 2:10-2:30 pm..... **Outside the Spine: Commonly Overlooked Neck Trauma**  
*Anthony Higginbotham, MD*
- 2:30-2:35 pm..... **Q&A**
- 2:35-3:05 pm..... **Break**

### RADIOLOGY PRACTICE/QUALITY & SAFETY

- 3:05-3:25 pm..... **Transforming Neuroradiology – Integration of Clinical Practice**  
*Johnny Sandhu, MD*
- 3:25-3:45 pm..... **Perceptual Errors in Neuroradiology: More Than Meets The Eye**  
*Sohil Patel, MD*
- 3:45-4:05 pm..... **Investing in Radiology Ventures**  
*Austin Dixon, MD, MBA*
- 4:05-4:25 pm..... **Neuroradiology in Africa: Bridging the Training Gap**  
*Frank Minja, MD*
- 4:25-4:30 pm..... **Q&A**
- 4:30-5:15 pm..... **Chris Ullrich Lecture : Non-Physician Practitioners in Radiology: Marketplace Disruption or Solution?**  
*Richard Duszak, MD*
- 5:15-5:25 pm..... **Q&A**
- 5:25-5:45 pm..... **Break**
- 5:45-6:45 pm..... **Stump the SENRS Stars**
- 7:00 pm..... **Reception and Dinner**

## FRIDAY, OCTOBER 18, 2024

## PEDS

- 7:30-8:00 am ..... **Business Meeting**
- 8:00-8:05 am ..... **Welcome and Announcements**
- 8:05-8:25 am ..... **Incorporating Perfusion MR into Clinical Pediatric Neuroimaging Practice**  
*Susan Palasis, MD*
- 8:25-8:45 am ..... **Methionine PET in the Evaluation of Pediatric Brain Tumors**  
*Noah Sabin, MD, JD*
- 8:45-9:05 am ..... **Developmental Abnormalities of the Pharyngeal Apparatus**  
*Ilona Schmalfuss, MD*
- 9:05-9:25 am ..... **Break**
- 9:25-9:45 am ..... **Chasing Spinal Leptomeningeal Metastases: Strategies to Optimize Pediatric Spine Imaging Protocols**  
*Asim Bag, MBBS, MD*
- 9:45-10:05 am ..... **Neuroimaging Findings in Non Accidental Trauma**  
*Alexandra Foust, MD*
- 10:05-10:25 am ..... **Extracranial Vascular Malformations in Children**  
*Gaurav Saigal, MD*
- 10:25-10:30 am ..... **Q&A**
- 10:30-11:00 am ..... **Break**

## BRAIN

- 11:00-11:20 am ..... **Amino Acid PET Discrimination of Progressive Intracranial Metastatic Disease From Radiation Necrosis**  
*Ephraim Parent, MD PhD*
- 11:20-11:40 am ..... **Brain on Fire — Beyond the Common White Matter Disease**  
*Yang Tang, MD, PhD*
- 11:40 am-12:00 pm ..... **Current State of Functional MRI in the Presurgical Planning of Brain Tumors**  
*Dhairya Lakhani, MD*
- 12:00-12:20 pm ..... **Acute Encephalopathic Syndromes**  
*Natalya Nagornaya, MD*
- 12:20-12:25 pm ..... **Q&A**
- 12:25-1:25 pm ..... **KEYNOTE ADDRESS: Novel Imaging Biomarkers in Dementia Therapeutics**  
*Ana Franceschi, MD, PhD*
- 6:30 pm ..... **Reception**
- 7:00 pm ..... **Dinner and Awards**

## SATURDAY, OCTOBER 19, 2024

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### SPINE

- 8:00-8:05 am ..... **Welcome and Announcements**
- 8:05-8:35 am ..... **Interesting Case Presentations**
- 8:35-8:55 am ..... **Abstract Presentations**
- 8:55-9:15 am ..... **BREAK**
- 9:15-9:35 am ..... **Imaging Approach to Myelopathy and Myelitis**  
*Tanvir Rizvi, MBBS, MD*
- 9:35-9:55 am ..... **Missed Findings on Spine MRI**  
*Katie Carpenter Bailey, MD*
- 10:05-10:25 am ..... **Nontraumatic Spinal Emergencies**  
*Gisele Matheus, MD*
- 10:25-10:45 am ..... **Vascular Lesions of the Spine**  
*Richard Beegle, MD*
- 10:45-10:50 am ..... **Q&A**
- 10:50-11:20 am ..... **Break**

### ADVANCED IMAGING

- 11:20-11:40 am ..... **Clinically Impactful AI Tool Selection and Deployment in Clinical Practice: Practical Overview, Pearls and Pitfalls**  
*Reza Forghani, MD, PhD*
- 11:40 am-12:00 pm ..... **Clinical Imaging of Epilepsy at 7T: Practical Approach**  
*Vivek Gupta, MD*
- 12:00-12:20 pm ..... **Post-Mortem CT in Trauma: One Year Experience**  
*Brad Mitchell, MD*
- 12:20-12:40 pm ..... **Photon Counting CT, The New Frontier in CT**  
*John Murray, MD*
- 12:40-1:00 pm ..... **The Parasagittal Dural Space: Review of Proposed Roles in CSF Efflux and Neurologic Surveillance**  
*Colin McKnight, MD*
- 1:00-1:05 pm ..... **Q&A**

## SUNDAY, OCTOBER 20, 2024

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### VASCULAR/INTERVENTIONS

8:00-8:05 am	<b>Welcome and Announcements</b>	9:25-9:45 am	<b>CVR Mapping for Characterization of Vascular Diseases</b> <i>Amit Agarwal, MD</i>
8:05-8:25 am	<b>Vessel Wall Imaging of Intracranial Aneurysms</b> <i>Andrew Steven, MD</i>	9:45-10:05 am	<b>CT Perfusion for Acute Stroke – Pearls and Pitfalls</b> <i>Kevin Hiatt, MD</i>
8:25-8:45 am	<b>Considerations With Ruptured and Unruptured Aneurysms</b> <i>Martin Radvany, MD</i>	10:05-10:25 am	<b>Advances In Minimally Invasive Treatments In the Spine</b> <i>David Miller, MD</i>
8:45-9:05 am	<b>Current and Future Indications for Stroke Thrombectomy and Implications for Imaging</b> <i>Colin Derdeyn, MD</i>	10:25-10:35 am	<b>Q&amp;A</b>
9:05-9:25 am	<b>BREAK</b>	10:35-10:45 am	<b>Closing Remarks &amp; Adjourn</b>