1st Annual Meeting of the
AMERICAN SOCIETY OF
Pediatric Neuroradiology

All Jazzed Up About Pediatric Neuroimaging

January 18 - 20, 2019 • Royal Sonesta New Orleans • New Orleans, Louisiana

SAM Credit Available
18.0 AMA PRA Category 1 Credit(s)™

For more information, visit ASPNR.edusymp.com or ASPNR.org

Call For Abstracts at www.aspnr.org
Deadline: November 2, 2018
From The Program Chair
The American Society of Pediatric Neuroradiology (ASPNR) is excited to announce its 1st Annual Meeting! We have prepared a fun and educationally stimulating program for our rapidly growing membership and for all interested in learning more about pediatric neuroradiology. Our Society’s inaugural meeting will take place in one of the most culturally vibrant cities in the world, New Orleans.

Why should you be “all jazzed up” about attending?
• Robust educational program featuring keynote lectures by founders in our field, panel discussion, national and international expert participation, interesting cases, and scientific abstracts
• 2.5 glorious days of solid pediatric neuroradiology
• Opportunity to share your research with the pediatric neuroradiology community
• No sunrise sessions!
• Time to meet old friends and make new ones in the heart of the French Quarter
• Friday cocktail reception for all attendees and guests
• Saturday night gala dinner jazz cruise on the Mississippi
• Music, culture, and foodie heaven

The meeting will span Martin Luther King weekend so come learn and celebrate this special holiday with us in the Big Easy!

Susan Palasis, MD
Program Chair
1st Annual American Society of Pediatric Neuroradiology Meeting

Target Audience
• General radiologists seeking to improve their understanding and skills in pediatric neuroimaging
• Pediatric radiologists and general neuroradiologists who want to expand their fund of knowledge in pediatric neuroimaging
• Pediatric neuroradiologists who want to learn about current issues and advances in our field
• Non-radiologists who are interested in understanding the neuroimaging perspectives of pediatric neurologic and head/neck/spine disease
• Allied health professionals interested in learning more about the practical aspects of pediatric neuroimaging and emerging research
• Physicians in training, residents, and fellows interested in pediatric neuroradiology

Educational Objectives
At the completion of the meeting, attendees should:
• Understand normal maturational changes of the nervous system from the fetus through childhood
• Understand the diagnostic nuances of neonatal brain injury
• Know the current recommendations for management of emergent pediatric cerebrovascular disorders
• Be aware of emerging considerations to practice changes in pediatric neuroradiology regarding sedation, contrast administration, protocoling, and performing CT/MR
• Know what new and advanced neuroimaging techniques are available in the clinical and research setting
• Be aware of how artificial intelligence and machine learning are being incorporated into diagnostic neuroimaging as part of precision medicine in the pediatric setting
• Be able to identify neuroimaging signs concerning for abusive head trauma and communicate findings effectively to clinicians and in the courtroom
• Understand the changes to the diagnosis and nomenclature of pediatric neurologic disease processes as a result of advances in molecular genetics
• Understand CSF production and reabsorption in children and what pathologic conditions contribute to increased intracranial pressure
• Review the imaging evaluation of commonly encountered head, neck, and spine disorders

SPECIAL NOTE FOR THE DISABLED: Educational Symposia (ESI) and the American Society of Pediatric Neuroradiology (ASPNR) wish to ensure that no individual with a disability is excluded, denied services, segregated or otherwise treated differently from other individuals because of the absence of auxiliary aids and services. If you need any auxiliary aids or services identified in the Americans with Disabilities Act, please contact ESI at (813) 806-1000.
Accreditation

Physicians: This activity has been planned and implemented in accordance with the Essential Areas and policies of the Accreditation Council for Continuing Medical Education through the joint providership of Educational Symposia and the American Society of Pediatric Neuroradiology. Educational Symposia is accredited by the ACCME to provide continuing medical education for physicians.

Educational Symposia designates this live activity for a maximum of 18.0 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Self-Assessment Modules (SAMs): Educational Symposia has been granted Deemed Status by the American Board of Radiology (ABR). This allows Educational Symposia to develop and implement SAMs that satisfy ABR Part II MOC requirements.

Program Committee

Susan Palasis, MD - Program Chair
Laurence J. Eckel, MD
Arastoo Vossough, MD, PhD
Ashok Panigrahy, MD, PhD
V. Michelle Silvera, MD
Aylin Tekes, MD
Laura L. Hayes, MD
Timothy N. Booth, MD

Executive Committee 2018 - 2019

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Laurence Eckel, MD
Vice President
V. Michelle Silvera, MD
Secretary
Timothy N. Booth, MD
Treasurer
David M. Mirsky, MD
Member-at-Large

Kristen W. Yeom, MD
Member-at-Large
Ashok Panigrahy MD, PhD
1st Past President
Susan Palasis, MD
2nd Past President
Erin Simon-Schwartz, MD, FACR
3rd Past President
Dennis Shaw, MD
SPR Liaison

DISCLAIMER: Educational Symposia (ESI) and the American Society of Pediatric Neuroradiology (ASPNR) as planners and presenters of this meeting, and Professional Travel as the official travel agency for this meeting, claim no liability for the acts of any suppliers or the safety of any attendees while in transit to, from, or during, this event or any optional activities. The total amount of liability, if any, for the meeting organizers is limited to a refund of the registration fee, and Professional Travel's responsibility is limited to that of an agent.
### FRIDAY, JANUARY 18, 2019

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 – 7:45 AM</td>
<td>Registration, Continental Breakfast for Registrants, Visit Exhibits and Scientific Posters</td>
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<tr>
<td>7:45 – 7:50 AM</td>
<td>Welcome</td>
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<tr>
<td>7:50 – 8:10 AM</td>
<td>Keynote Lecture: Brain Maturation from Fetus to Childhood</td>
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<td>8:10 – 8:25 AM</td>
<td>Robert Zimmerman Honorary Lecture: Angiogenesis of the Cerebral Vasculature</td>
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<td>8:25 – 8:40 AM</td>
<td>The Fetal Posterior Fossa</td>
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<td>8:40 – 8:55 AM</td>
<td>The Challenges and Pitfalls of Neonatal HIE</td>
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<td>8:55 – 9:10 AM</td>
<td>Advanced Neonatal Imaging</td>
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<td>9:10 – 9:30 AM</td>
<td>Rapid-Fire Cases</td>
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<tr>
<td>9:30 – 9:50 AM</td>
<td>Scientific Paper Session I</td>
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<td>9:50 – 10:00 AM</td>
<td>Refreshment Break for Registrants and Visit Exhibits and Scientific Posters</td>
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**SESSION 2:** Emergent Cerebrovascular Disorders in Children  
*Moderators: Jill V. Hunter, M.D., Nolan R. Alman, M.D., Michele H. Johnson, M.D.*

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>10:00 – 10:20 AM</td>
<td>Ischemic Stroke in Children</td>
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<td>10:20 – 10:35 AM</td>
<td>Neurointervention Stroke Treatment</td>
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<td>10:35 – 10:50 AM</td>
<td>Setting Up an Acute Stroke Program</td>
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<tr>
<td>10:50 – 11:05 AM</td>
<td>Intracranial Arteriopathies in Childhood</td>
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<tr>
<td>11:05 – 11:20 AM</td>
<td>Sino-venous Thrombosis and Stroke</td>
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<td>11:20 – 11:40 AM</td>
<td>Rapid-Fire Cases</td>
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<tr>
<td>11:40 – 12:00 PM</td>
<td>Scientific Paper Session II</td>
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<td>12:00 – 12:45 PM</td>
<td>Lunch on Your Own</td>
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**SESSION 3:** Current Pediatric Neuroimaging Practice Considerations  
*Moderators: Jeremy Y. Jones, M.D., L. Santiago Medina, M.D., MPH*

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>12:45 – 1:05 PM</td>
<td>Safe and Efficient Pediatric Sedation</td>
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<tr>
<td>1:05 – 1:25 PM</td>
<td>Gadolinium Deposition: What is the Evidence?</td>
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<tr>
<td>1:25 – 1:45 PM</td>
<td>Fast and Motion-Free Neuroimaging Techniques</td>
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<tr>
<td>1:45 – 2:05 PM</td>
<td>Targeted Protocolling</td>
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<tr>
<td>2:05 – 2:25 PM</td>
<td>Neuro CT: Indications, Dose, and Contrast</td>
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<td>2:25 – 2:45 PM</td>
<td>Panel Discussion</td>
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<tr>
<td>2:45 – 3:00 PM</td>
<td>Refreshment Break for Registrants and Visit Exhibits and Scientific Posters</td>
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</tbody>
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### FRIDAY, JANUARY 18, 2019 (CONTINUED)

**SESSION 4:** International Session  
*Moderators: Jorge Devila, M.D., Efychia Kapoziaki, M.D., Mairoula Arvaniti, M.D.*

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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>3:00 – 3:20 PM</td>
<td>CNS Tuberculosis</td>
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<td>3:20 – 3:40 PM</td>
<td>Fetal and Neonatal Infections</td>
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<td>3:40 – 4:00 PM</td>
<td>Update on Imaging of Moyamoya Disease</td>
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<tr>
<td>4:00 – 4:20 PM</td>
<td>Rare Phakomatoses: The mTOR and RAS Pathways Disorders</td>
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<tr>
<td>4:20 – 4:40 PM</td>
<td>Pediatric CNS HIV Manifestations</td>
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<tr>
<td>4:40 – 5:00 PM</td>
<td>Imaging Manifestations of Pediatric Neuro-Behcet’s Disease</td>
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<tr>
<td>5:00</td>
<td>End of Session</td>
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<td>5:00 – 6:00 PM</td>
<td>Welcome Reception</td>
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### SATURDAY, JANUARY 19, 2019

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 – 7:45 AM</td>
<td>Registration and Continental Breakfast for Registrants and Visit Exhibits and Scientific Posters</td>
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<tr>
<td>7:45 – 7:50 AM</td>
<td>ASPNR 2nd Annual Meeting Announcement</td>
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**SESSION 5:** Advanced Pediatric Neuroimaging  
*Moderators: Asim F. Choudhri, M.D., Izlem Isbudek, M.D., Gaurav Saigal, M.D.*

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<tr>
<td>7:50 – 8:10 AM</td>
<td>Brain Connectivity in Children with Congenital Heart Disease</td>
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<td>8:10 – 8:25 AM</td>
<td>Neural Networks in Children with Epilepsy</td>
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<tr>
<td>8:25 – 8:40 AM</td>
<td>Current and Future Machine Learning Applications in Pediatric Neuroimaging</td>
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<tr>
<td>8:40 – 8:55 AM</td>
<td>Quantification and Clinical Application of Diffusion Tensor Indices in the Pediatric Spinal Cord</td>
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<tr>
<td>8:55 – 9:10 AM</td>
<td>7T Imaging of the Pediatric Brain</td>
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<tr>
<td>9:10 – 9:30 AM</td>
<td>Rapid-Fire Cases</td>
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<tr>
<td>9:30 – 9:50 AM</td>
<td>Scientific Paper Session III</td>
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<tr>
<td>9:50 – 10:00 AM</td>
<td>Refreshment Break for Registrants and Visit Exhibits and Scientific Posters</td>
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SUNDAY, JANUARY 20, 2019

7:00 – 7:45 AM  Continental Breakfast for Registrants, Visit Exhibits and Scientific Posters

7:45 – 7:50  ASPNR 2018 Research Award
Araostoo Vossough, M.D., Ph.D., ASPNR President

SESSION 9:  Intracranial Fluid Dynamics
Moderators: Avrum Pollack, M.D., Neil U. Lall, M.D., Karuna V. Shekdar, M.D.

7:50 – 8:10  Keynote Lecture: Intracranial Fluid Dynamics
Charles A. Raybaud, M.D.

8:10 – 8:25  Shunt Malfunction: The Nuts and Bolts
V. Michelle Silveira, M.D.

8:25 – 8:40  Venous Pathology and Intracranial Hypertension in Children
Nancy K. Rollins, M.D.

8:40 – 8:55  Quantitative MR Imaging of Glymphatic Flow: Current Approaches
Christopher G. Filippi, M.D.

8:55 – 9:10  Pathophysiology and Neuroimaging Signs of Cerebral Edema in Children
Manohar M. Shroff, M.D., FRCPC

9:10 – 9:30  Rapid-Fire Cases
Erin Simon Schwartz, M.D., FACR

9:30 – 9:50  Scientific Paper Session VII ♦

9:50 – 10:00  Refreshment Break for Registrants and Visit Exhibits and Scientific Posters

SESSION 10:  Pediatric Head Trauma
Moderators: Giulio Zucconi, M.D., Christopher M. Arcement, M.D., Judith A. Gadde, D.O., MBA

SAM SESSION

10:00 – 10:20  Navigating Current and Future Legal Challenges to Child Abuse Evidence at Home and Abroad
Joelle Anne Moreno, JD

10:20 – 10:35  Neuroimaging Signs of Abusive head Trauma
Gary L. Hedlund, D.O.

10:35 – 10:50  The SBU Report
David M. Mirosky, M.D.

10:50 – 11:05  Accidental Head Injury Findings
Nanja Kadom, M.D.

11:05 – 11:20  Abuse Mimickers
Susan I. Blaser, M.D., FRCP(C)

11:20 – 11:40  Rapid-Fire Cases
Arabinda K. Choudhary, M.D.

11:40 – 12:00 PM  Scientific Paper Session VIII ♦

12:00 – 12:05  Closing Remarks
Susan Palasis, M.D.

12:05  End of Program

♦ Not accredited for AMA PRA Category 1 Credit(s)™

Faculty & topics subject to change.
About The Hotel

The AAA Four Diamond-rated Royal Sonesta New Orleans effortlessly combines timeless elegance and southern refinement, setting itself apart from other French Quarter hotels. Traditional gabled windows, rich colors and linens accented with fresh flowers, wrought-iron balconies, and a lush courtyard create an experience unlike any other. With 483 newly renovated guest rooms and ballroom, authentic hospitality, and its Food is Art philosophy, no one offers more ways to inspire its valued guests than the all-new Royal Sonesta New Orleans.

How To Get There

Fly directly to Louis Armstrong New Orleans International Airport, located just 35 minutes west of Royal Sonesta New Orleans. Daily non-stop flights are available to New Orleans for major national and international carriers.

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