

ASNR 2012 Program Chair/President-Elect
Pamela W. Schaefer, MD

Future Radiological Society Meetings

Programming developed in cooperation with the...

American Society of Functional Neuroradiology (ASFNR)
Daniel P. Barboriak, MD

American Society of Head and Neck Radiology (ASHNR)
C. Douglas Phillips, MD, FACR

American Society of Pediatric Neuroradiology (ASPNR)
Caroline D. Robson, MB, ChB

American Society of Spine Radiology (ASSR)
Walter S. Bartynski, MD

Society of NeuroInterventional Surgery (SNIS)
Christopher J. Moran, MD



**To Request Programming and Registration Materials
for the ASNR 50th Annual Meeting contact:**

ASNR 50th Annual Meeting
c/o American Society of Neuroradiology
2210 Midwest Road, Suite 207
Oak Brook, Illinois 60523-8205

Phone: 630-574-0220
Fax: 630-574-1740
Email: meetings@asnr.org
Website: www.asnr.org/2012

American Society of Functional Neuroradiology (ASFNR)
6th Annual Meeting
Date and Location is to be determined

American Society of Head and Neck Radiology (ASHNR)
45th Annual Meeting ♦ September 7 - 11, 2011
Hotel Del Coronado, Coronado, California

American Society of Spine Radiology (ASSR)
2nd Joint Meeting ♦ July 1 - 3, 2011
European Society of Neuroradiology and American Society of Spine Radiology
Barcelona NH Costanza, Barcelona, Spain

Eastern Neuroradiological Society (ENRS)
Twenty-Third Annual Meeting ♦ September 15 - 18, 2011
Chatham Bars Inn, Chatham, Massachusetts

Society of NeuroInterventional Surgery (SNIS)
8th Annual Meeting ♦ July 25 - 28, 2011
The Broadmoor Hotel, Colorado Springs, Colorado

Southeastern Neuroradiological Society (SENRS)
Thirty-Fifth Annual Meeting ♦ October 13 - 15, 2011
The Breakers, Palm Beach, Florida

Western Neuroradiological Society (WNRS)
43rd Annual Meeting ♦ October 20 - 23, 2011
Rancho Las Palmas Resort & Spa, Rancho Mirage, California



www.asnr.org/2012

**ASNR 50th Annual Meeting
& The Foundation of the
ASNR Symposium 2012**



THE FOUNDATION OF THE ASNR

FORMERLY NEURORADIOLOGY EDUCATION AND RESEARCH FOUNDATION

April 21-26, 2012 | HILTON NEW YORK

ASNR 50th Annual Meeting

The Foundation of the ASNR Symposium 2012: Acute Ischemic Stroke Imaging

ASNR 50th Annual Meeting Schedule

Monday, April 23 - Thursday, April 26, 2012

ASNR 50th Annual Meeting

The Executive Committee of the ASNR invites you to celebrate in the city of the ASNR's founding and share in the exciting milestone of our 50th Annual Meeting, April 21 – 26, 2012. Our meeting venue for the week is the beautifully redesigned and exquisite Hilton New York, a showcase midtown Manhattan hotel. The hotel features spacious accommodations and is just steps away from Radio City Music Hall, Central Park, Rockefeller Center and the city's dynamic business and media center. Discover New York and all the excitement of a culturally diverse world-class and historic city from the refined elegance of the chic Hilton New York.

The Foundation of the ASNR Symposium 2012: Acute Ischemic Stroke Imaging

The Foundation of the ASNR Symposium will focus on the biology, diagnosis, classification, imaging, and management of acute ischemic stroke. There will be lectures on the pathophysiology of acute ischemic stroke, stroke classification strategies, transient ischemic attacks and stroke mimics. The symposium will cover basic and advanced MR imaging techniques including diffusion weighted imaging, diffusion tensor imaging, dynamic contrast enhanced and arterial spin labelling perfusion imaging, MR spectroscopy, susceptibility weighted imaging and blood oxygen level dependent imaging. Advanced CT imaging techniques including CT angiography and CT perfusion as well as dose reduction strategies will be presented. Nuclear medicine and molecular imaging techniques will also be discussed. Additional lectures will address imaging the carotid artery with ultrasound, CTA, MRA and DSA with a focus on vulnerable plaque imaging. There will also be lectures on the clinical assessment of acute stroke patients and use of clinical and neuroimaging variables used in stroke treatment selection and prediction of outcome. Treatment including intra-arterial recanalization strategies, intravenous thrombolytic therapy, and supportive therapy and an update on clinical trials will be presented. A final session will be dedicated to pediatric stroke.

The Program Committee promises to present cutting-edge programming that is both practical and applicable for many radiology practices.

Sincerely,



Pamela W. Schaefer, MD
ASNR 2012 Program Chair/President Elect

Saturday, April 21 - Sunday, April 22, 2012

Preliminary session topics include:

- ❖ Pathophysiology of acute ischemic stroke and stroke classification strategies
- ❖ Evidence based medicine in acute stroke imaging and treatment
- ❖ Advanced MR Imaging of Acute ischemic stroke – DWI, DTI, perfusion, MRS, BOLD, SWI
- ❖ Advanced CT Imaging of Acute ischemic stroke – CTA, CTP, Dose reduction strategies
- ❖ Other imaging strategies for acute ischemic stroke - nuclear medicine, molecular imaging
- ❖ Clinical Assessment and triage of acute stroke patients – clinical and neuroimaging scores used for treatment selection and prediction of outcome
- ❖ Treatment of acute ischemic stroke – intra-arterial recanalization strategies, intravenous thrombolytic therapy, supportive therapy, clinical trials
- ❖ Transient ischemic attacks and stroke mimics
- ❖ Carotid artery imaging - US, CTA, MRA, DSA
- ❖ Pediatric Stroke

At the conclusion of the Symposium, Attendees will be able to:

- ❖ Select appropriate imaging studies for the evaluation of acute ischemic stroke patients
- ❖ Perform and interpret imaging studies of acute ischemic stroke patients
- ❖ Apply their knowledge of the pathophysiology of acute ischemic stroke and stroke classification strategies to the interpretation of imaging studies
- ❖ Use clinical and neuroimaging evaluation to determine appropriate treatment strategies for acute ischemic stroke patients
- ❖ Differentiate stroke from stroke mimics with neuroimaging and clinical assessment
- ❖ Use dose reduction strategies when evaluating acute stroke patients with advanced CT imaging

Preliminary Scientific and Educational Programming Overview:

- ❖ General Neuroradiology, Interventional, Functional, Spine, Head and Neck, and Pediatrics
- ❖ Advanced Imaging Seminar Programming – Focused daily didactic sessions (Monday – Thursday) with in-depth review of functional, molecular, and other emerging imaging techniques
- ❖ How-To Sessions with expanded “Hands-on” experiences with image analysis and review on vendor specific workstations
- ❖ Grant Writing Strategy Workshop
- ❖ Socioeconomic Programming including the impact of federal health care reform on Neuroradiology, Performance Measures, and MOC
- ❖ Comparative Effectiveness and Evidence Based Medicine in Neuroradiology Sessions
- ❖ Scientific Posters, Scientific Exhibits, Electronic Scientific Exhibits (eSE's) and Guided Poster Tours
- ❖ Technical Exhibits showcasing new technologies and equipment offering a full range of service and equipment providers dedicated to the field of neuroradiology
- ❖ Proposed Self-Assessment Module (SAM) Session Programming throughout the week
- ❖ Maintenance of Certification (MOC) Daily Review Sessions highlighting Adult and Pediatric Brain, Vascular, Interventional, Spine, Functional, and Head and Neck Radiology
- ❖ Synaptic Junction Programming – Connect your practice to the future by changing workflow, improving efficiency, standardizing reporting, and improving your revenue cycle. Programming will include software, hardware and informatics-based solutions.
- ❖ Earn approximately 50 credit hours of Continuing Medical Education (CME) hours