6th Annual Meeting of the
American Society of Functional Neuroradiology

March 7 – 9, 2012
Rosen Shingle Creek • Orlando, Florida

16.5 AMA PRA Category 1 Credit(s)™

Optional BOLD Functional MRI Hands-on Workshop • March 6, 2012
Attendance is limited to the first 20 registrants.
About the Meeting
The American Society of Functional Neuroradiology (ASFNR) is proud to present its 6th Annual Meeting. This 2½ day meeting will feature a series of focused sessions with didactic lectures and panel discussions by nationally recognized experts, and original research in the form of oral and poster presentations. On Tuesday, March 6, 2012, there will be a half-day pre-meeting “Hands-on Workshop” for BOLD fMRI image processing. Attendance is limited to the first 20 registrants.

A broad range of cutting-edge topics in functional neuroradiology, including BOLD functional brain mapping, diffusion, diffusion tensor, perfusion, permeability, susceptibility weighted imaging, PET, MRS and molecular/metabolic imaging will be featured. Details on physical principles, techniques, as well as clinical applications of these state-of-the-art and emerging technologies will be discussed along with practical suggestions for implementation in a clinical practice setting. The scientific program will consist of tracks of basic and advanced imaging methodology to characterize CNS lesions with individual techniques as well as a multimodality approach. There will be two study group sessions: Diffusion/Perfusion, and BOLD fMRI. A review of cutting-edge special topics from a multimodality perspective and emerging functional techniques will also be presented.

Target Audience
This CME activity is intended to educate neuroradiologists, neurosurgeons, neurologists, neuropsychologists, cognitive neuroscientists, as well as fellows, residents, doctoral and post-doctoral students in these fields, and MR technologists.

Educational Objectives
Attendees should, at the completion of this meeting, be able to:

• Describe the underlying physical basis of advanced functional and physiological imaging techniques such as BOLD fMRI, Diffusion, DTI, Perfusion, Permeability, SWI, MRS, PET and Molecular/Metabolic Imaging.

• Explain the clinical applications and limitations of advanced functional and physiological imaging techniques.

• Discuss how to effectively integrate functional imaging techniques into clinical practice with awareness of pertinent economic and logistical issues.

No special educational preparation is required for this CME activity.

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 (ACCME) through the joint sponsorship of Educational Symposia and the American Society of Functional 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 16.5 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Technologists: This program has been submitted to the ASRT. The number of A CE credits will be available approximately 30 days prior to the meeting. Please visit www.edusymp.com/asfnr or call 1-800-338-5901 regarding the availability of Category A CE credit.

Registration Information
Payment of the registration fee includes all course materials, including a comprehensive course syllabus, welcome reception, daily continental breakfasts, and coffee breaks. Early registration is strongly suggested. There will be a $50 surcharge for anyone registering after February 2, 2012.

Cancellations must be received in writing. A $75 processing fee will be applied to all cancellations. Refunds requested in writing prior to February 3, 2012 will be issued for the amount of registration paid, less the $75 processing fee. No refunds will be made on or after that date.

Scientific Sponsor
Educational Symposia

Disclaimer
Educational Symposia (ESI) and the American Society of Functional Neuroradiology 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 organizer is limited to a refund of the registration fee, and Professional Travel’s responsibility is limited to that of an agent.

Special Note for the Disabled
Educational Symposia and the American Society of Functional Neuroradiology 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 Educational Symposia’s office at (800) 338-5901 or (813) 806-1000.

4 Easy Ways To Register
We Accept: 

Internet
Register online using your credit card number at: https://www.asfnr.org

MAIL your meeting registration form, along with your credit card number and signature, or check payable to ASFNR, to:

ASFNR
C/O Educational Symposia
5520 West Sligh Avenue
Tampa, Florida 33634-4490

PHONE (800) 338-5901 (toll-free, U.S. & Canada) or (813) 806-1000 (direct). Please have your MasterCard, VISA, NOVUS/Discover Card or American Express information available.

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About This Workshop
This workshop will provide a practical step-by-step post-processing of BOLD fMRI studies with SPM8 software and data presentation.

Target Audience
This CME activity is intended to educate neuroradiologists, neuroradiology fellows, physicists, clinical psychologists and MR technologists. The workshop is intended for those with beginner to intermediate level fMRI experience.

Educational Objectives
Attendees should, at the completion of this workshop, be able to perform the following:

- Preprocessing of BOLD fMRI Data
  - Realignment/Coregistration
  - Spatial Normalization
  - Smoothing
- Single Subject Analysis
  - Model Specification
  - Model Estimation
  - Visualization of the BOLD data

No special educational preparation is required for this CME activity.

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 (ACCME) through the joint sponsorship of Educational Symposia and the American Society of Functional 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 4.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

**Technologists:** This program has been submitted to the ASRT. The number of A CE credits will be available approximately 30 days prior to the meeting. Please visit www.edusymp.com/asfnr or call 1-800-338-5901 regarding the availability of Category A CE credit.

Hardware/Software Requirements
Registrants are required to bring to the workshop their own laptop with a minimum 2G of RAM and 10G of hard disk space. The machines should have preloaded SPM8 and MATLAB software prior to the workshop. DICOM BOLD fMRI practice data sets will be available at the workshop. All the registrants will be given instructions on downloading SPM8 and the 15-day free MATLAB license prior to the workshop.

Faculty
**Chris Conklin, M.S.E.**
Ph.D. Graduate Student of Electrical Engineering
Temple University
Philadelphia, PA

**Scott H. Faro, M.D.**
Professor of Radiology, Electrical and Computer Engineering
Vice Chair of Radiology
Director of Neuroradiology, Functional Brain Imaging Center and Clinical MRI
Temple University School of Medicine
Philadelphia, PA

**Feroze B. Mohamed, Ph.D.**
Associate Professor of Radiology, Electrical and Computer Engineering
Associate Director of the Functional Brain Imaging Center
Temple University School of Medicine
Philadelphia, PA

Program
**Attendance is limited to the first 20 registrants.**

11:00 AM – 12:00 PM  Registration and Box Lunch

12:00 – 12:45  Introduction to BOLD, Paradigm Design, and SPM
  Feroze B. Mohamed, Ph.D.

12:45 – 1:00  Clinical Overview of Motor and Language Activation
  Scott H. Faro, M.D.

1:00 – 3:00  Practical Exercises on Sensory-Motor Data Processing
  Chris Conklin, M.S.E., Feroze B. Mohamed, Ph.D., and fMRI Lab Personnel

3:00 – 3:15  Coffee Break

3:15 – 5:00  Practical Exercises on Language Data Processing and Review
  Chris Conklin, M.S.E., Feroze B. Mohamed, Ph.D., and fMRI Lab Personnel

5:00  End of Workshop

Faculty & topics subject to change.
# Program

## TUESDAY, MARCH 6, 2012

12:00 – 5:00 PM Registration

### 12:00 – 5:00 PM Pre-Meeting Workshop

**Hands-on Workshop on BOLD fMRI Post-Processing Using SPM Analysis**  
Chris Conklin, M.S.E., Scott H. Faro, M.D. and Feroze B. Mohamed, Ph.D.  
(Attendance is limited to the first 20 registrants.)

## WEDNESDAY, MARCH 7, 2012

### PHYSICS BASICS  
**Moderator: Joseph A. Maldjian, M.D.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>7:15</td>
<td>BOLD fMRI Physics</td>
<td>Feroze B. Mohamed, Ph.D.</td>
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<tr>
<td>7:30</td>
<td>DTI Physics</td>
<td>Richard Watts, D.Phil.</td>
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<tr>
<td>7:45</td>
<td>Perfusion (DSC/DCE) Physics</td>
<td>Daniel P. Barboriak, M.D.</td>
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<tr>
<td>8:00</td>
<td>ASL Physics</td>
<td>Youngkyoo Jung, Ph.D.</td>
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<tr>
<td>8:20</td>
<td>Welcome</td>
<td>Joseph A. Maldjian, M.D., ASFNR President</td>
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### DIFFUSION/PERFUSION  
**Moderator: Joseph A. Maldjian, M.D.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>8:30</td>
<td>Perfusion and Diffusion of Head and Neck Tumors</td>
<td>Amita Dave, Ph.D.</td>
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<tr>
<td>8:50</td>
<td>Perfusion: Brain Tumor Response to Therapy</td>
<td>Rajan Jain, M.D.</td>
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<td>9:10</td>
<td>Diffusion MR as a Biomarker in Brain Tumors</td>
<td>Whitney B. Pope, M.D., Ph.D.</td>
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<tr>
<td>9:30</td>
<td>Probabilistic Tractography: Theory and Practical Applications</td>
<td>Robert J. Young, M.D.</td>
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<tr>
<td>9:50</td>
<td>High Resolution DTI of the Spinal Cord</td>
<td>Scott H. Faro, M.D.</td>
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<tr>
<td>10:10</td>
<td>Perfusion as a Biomarker for Therapy Response in Spine Metastases</td>
<td>Sasan Karimi, M.D.</td>
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<tr>
<td>10:30 – 10:45</td>
<td>Coffee Break for Registrants, Visit Exhibits and Scientific Posters</td>
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<tr>
<td>10:45</td>
<td>Cerebrovascular Reactivity Mapping in Ischemia</td>
<td>David J. Mikulis, M.D.</td>
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### QIBA/ACRIN  
**Moderator: Daniel P. Barboriak, M.D.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>1:30</td>
<td>The Role of National Organizations - Introduction</td>
<td>Daniel P. Barboriak, M.D.</td>
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<tr>
<td>1:40</td>
<td>QIBA / ACRIN</td>
<td>Edward F. Jackson, Ph.D.</td>
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</table>

### BOLD/CORTICAL MAPPING  
**Moderator: Andrei I. Holodny, M.D.**

<table>
<thead>
<tr>
<th>Time</th>
<th>Topic</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>2:30</td>
<td>MEG</td>
<td>Timothy P.L. Roberts, Ph.D.</td>
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<tr>
<td>2:50</td>
<td>7T Imaging</td>
<td>Bruce R. Rosen, M.D., Ph.D.</td>
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<tr>
<td>3:10</td>
<td>SWI fMRI</td>
<td>E. Mark Haacke, Ph.D.</td>
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<tr>
<td>3:30 – 3:45</td>
<td>Coffee Break for Registrants, Visit Exhibits and Scientific Posters</td>
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<tr>
<td>3:45</td>
<td>Image Guided Neurosurgery</td>
<td>Cameron W. Brennan, M.D.</td>
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<td>4:05</td>
<td>Language Mapping</td>
<td>Nicole M. Perrovecchi Brennan, B.A.</td>
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<tr>
<td>4:25</td>
<td>Current Treatment Strategies in Gliomas: Future Directions and Challenges</td>
<td>Patrick Y. Wen, M.D.</td>
</tr>
<tr>
<td>4:45</td>
<td>fMRI of Higher Cortical Function</td>
<td>Andrei I. Holodny, M.D.</td>
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<tr>
<td>5:15</td>
<td>End of Session</td>
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## WEDNESDAY, MARCH 7, 2012 (continued)

### End of Session

**Welcome Reception**
THURSDAY, MARCH 8, 2012

7:00 – 8:20 AM
Continental Breakfast for Registrants, Visit Exhibits and Scientific Posters

7:30 – 8:00
ASFNR Annual Business Meeting
(Members Only)
(not accredited for AMA PRA Category 1 Credit(s)™)

8:20 Welcome
Joseph A. Maldjian, M.D., ASFNR Immediate Past President

RESTING STATE
CONNECTIVITY/ADVANCED APPLICATIONS
Moderator: Joseph A. Maldjian, M.D.

8:30 Resting State fMRI Background and Theory
Jeffrey S. Anderson, M.D., Ph.D.

9:00 Connectomics
Christopher T. Whitlow, M.D., Ph.D.

9:30 Connectivity Clinical Applications
Joshua S. Shimony, M.D., Ph.D.

10:00 MR Encephalography
Darren B. Orbach, M.D., Ph.D.

10:30 – 10:45
Coffee Break for Registrants, Visit Exhibits and Scientific Posters

10:45 Clinical Applications of Machine Learning:
Neuroradiology in Jeopardy?
Sriraam Natarajan, Ph.D.

11:15 From the Vendors’ Perspective
(not accredited for AMA PRA Category 1 Credit(s)™)

12:15 PM End of Session

12:15 Pick up Lunch for “How-To Session”

12:30 – 1:30
Lunch “How-To Session”
(not accredited for AMA PRA Category 1 Credit(s)™)

HOT TOPICS
Moderator: David J. Mikulis, M.D.

1:30 SWI – Advanced Application,
Oxygenation, Phase Quantitation
E. Mark Haacke, Ph.D.

2:00 Clinical Applications (Brain and Spine)
Emerson L. Gasparetto, M.D., Ph.D.

2:30 Radiation Dosimetry in Neuro CT/CT Perfusion
Max Wintermark, M.D.

3:00 MR in Stroke
Pamela W. Schaefer, M.D.

3:30 – 3:45
Coffee Break for Registrants, Visit Exhibits and Scientific Posters

THURSDAY, MARCH 8, 2012 (continued)

3:45 Case-Based SWI and Advanced Imaging
Emerson L. Gasparetto, M.D., Ph.D.
E. Mark Haacke, Ph.D.
Meng Law, M.D., MBBS, FRACR
Mark S. Shiroishi, M.D.

4:15 Oral Research Presentations
(not accredited for AMA PRA Category 1 Credit(s)™)

5:30 Closing Remarks
Joseph A. Maldjian, M.D., ASFNR Immediate Past President

5:30 End of Session

5:30 – 6:30 Study Group Meeting #2: BOLD fMRI
(not accredited for AMA PRA Category 1 Credit(s)™)

FRIDAY, MARCH 9, 2012

7:00 – 8:20 AM
Continental Breakfast for Registrants, Visit Exhibits and Scientific Posters

8:20 Welcome
Joseph A. Maldjian, M.D., ASFNR Immediate Past President

SPECTROSCOPY/MOLECULAR/MEG/SODIUM/PET/VASO
Moderator: Meng Law, M.D., MBBS, FRACR

8:30 Sodium/Multi-Nuclear
Keith R. Thulborn, M.D., Ph.D.

9:00 PET
Zang-Hee Cho, Ph.D., Fil.D.

9:30 Diffusion Kurtosis Imaging
Joseph A. Helpern, Ph.D.

10:00 – 10:15
Coffee Break for Registrants, Visit Exhibits and Scientific Posters

10:15 Ferumoxytol
Edward Neuwelt, M.D.

10:45 VASO
Hanzhang Lu, Ph.D.

11:15 Advanced Spine Imaging
Meng Law, M.D., MBBS, FRACR

11:45 Amyloid Imaging
Jeffrey R. Petrella, M.D.

12:15 PM Closing Remarks
Joseph A. Maldjian, M.D., ASFNR Immediate Past President

12:20 End of Course

Faculty & topics subject to change.
Faculty List

Jeffrey S. Anderson, M.D., Ph.D.
Assistant Professor
Director of Functional Neuroimaging
Department of Radiology
University of Utah School of Medicine
Salt Lake City, UT

Daniel P. Barboriak, M.D.
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Cameron W. Brennan, M.D.
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Assistant Professor of Neurosurgery
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Professor of Radiology, Electrical and Computer Engineering
Vice Chair of Radiology
Director of Neuroradiology, Functional Brain Imaging Center
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Philadelphia, PA

Emerson L. Gasparetto, M.D., Ph.D.
Neuroradiologist of the Clinic CDPI
Associated Professor of Radiology
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Rio de Janeiro, Brazil

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HUH-MR Research
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Joseph A. Helpern, Ph.D.
Vice Chairman for Research
Professor of Radiology & Neurosciences
CoEE Endowed Chair in Brain Imaging
Director, Center for Biomedical Imaging
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Chief, Section of MR and Ultrasound
Professor
Department of Imaging Physics
Division of Diagnostic Imaging
The University of Texas MD Anderson Cancer Center
Houston, TX

Rajan Jain, M.D.
Senior Staff, Department of Radiology and Department of Neurosurgery
Henry Ford Health System
Assistant Professor of Radiology, Wayne State University School of Medicine
Detroit, MI

Youngkyoo Jung, Ph.D.
Assistant Professor of Radiology and Biomedical Engineering
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Winston-Salem, NC

Sasan Karimi, M.D.
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Associate Professor
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Joseph A. Maldjian, M.D.
Professor and Chief of Neuroradiology
Vice Chair of Research, Department of Radiology
Director, Advanced Neuroscience Imaging Research Core (ANSIR)
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Winston-Salem, NC

David J. Mikulis, M.D.
Professor and Co-Director of Medical Imaging Research
Department of Medical Imaging
The University of Toronto
The University Health Network
The Toronto Western Hospital
Toronto, Canada
Faculty List (continued)

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Edward Neuwelt, M.D.
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Administrator of Head and Spinal Cord Injury Prevention Program
Oregon Health & Science University
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Director, Alzheimer Disease Imaging Research Laboratory
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Nicole M. Petrovich Brennan, B.A.
Neurodiagnostic fMRI Specialist
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Whitney B. Pope, M.D., Ph.D.
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Director, Brain Tumor Imaging
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Timothy P.L. Roberts, Ph.D.
Professor of Radiology
University of Pennsylvania School of Medicine
Oberkircher Family Chair in Pediatric Radiology
Vice-chair, Research
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Philadelphia, PA

Bruce R. Rosen, M.D., Ph.D.
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Director of Athinoula A. Martinos Center for Biomedical Imaging
Massachusetts General Hospital

Pamela W. Schaefer, M.D.
Associate Professor in Radiology
Harvard Medical School
Associate Director of Neuroradiology
Clinical Director of MRI
Director of Neuroradiology Fellowship Program
Massachusetts General Hospital

Joshua S. Shimony, M.D., Ph.D.
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Neuroradiology Section
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St. Louis, MO

Mark S. Shiroishi, M.D.
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Los Angeles, CA

Keith R. Thulborn, M.D., Ph.D.
Professor of Radiology, Physiology and Biophysics
Director, Center for Magnetic Resonance Research
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Chicago, IL

Richard Watts, D.Phil.
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Director of Radiology Research
UVM MRI Center for Biomedical Imaging
Burlington, VT

Patrick Y. Wen, M.D.
Director, Center For Neuro-Oncology
Dana-Farber Cancer Institute
Professor of Neurology
Harvard Medical School
Boston, MA

Christopher T. Whittow, M.D., Ph.D.
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Wake Forest University/Baptist Medical Center
Winston-Salem, NC

Max Wintemark, M.D.
Associate Professor of Radiology, Neurology and Neurosurgery
Director, Neuroradiology Division
University of Virginia, Department of Radiology
Charlottesville, VA

Robert J. Young, M.D.
Director
3T Neuroimaging
Assistant Attending, Neuroradiology Service
Department of Radiology
Memorial Sloan-Kettering Cancer Center
New York, NY
Accommodations

Rosen Shingle Creek Hotel

Rosen Shingle Creek Hotel, located on Universal Boulevard, is situated on 230 acres of lush landscape. Central Florida's most luxurious meeting destination, the history of Shingle Creek reveals the captivating tale of how its majestic cypress trees provided some much needed shelter for early settlers and their homes. Today, our stunning grand lobby welcomes you into a world of lavish choices, complete with luxury accommodations, enticing restaurants and a championship golf course.

The 1,500 guest rooms offer luxurious first-class settings that capture the resort environment. Capitalizing on Rosen Shingle Creek's elevation, the guest rooms offer a stunning view of the golf course or recreation areas from the perfectly manicured fairways and greens to the picturesque creek, magnificent cypress trees, and lush natural vegetation. For vacationers or meeting guests, it's hard to imagine a better way to start the day than with the view from these rooms.

You'll find everything from the Orange County Convention Center, Universal Orlando, SeaWorld® Adventure Park to a variety of other Orlando, Florida attractions nearby. And because we are conveniently located just off of Universal Boulevard, Orlando’s meetings, conventions, and popular attractions are all within reach.

Remember to identify yourself as a registrant of the ASFNR 6th Annual Meeting in order to qualify for the special discounted group room rate.

Call for Reservations: (866) 996-6338
and Provide Group Code: 26089 or Online at
https://reservations.ihotelier.com/crs/g_reservation.cfm?groupID=686341&hotelID=6840

SPECIAL DISCOUNTED GROUP ROOM RATE:

$189.00 Per Night

CHECK PREFERENCES:
Non-Smoking
[ ] King Bed  [ ] 2 Queen Beds

Reservations must be made by February 6, 2012. Group room rates may be available three (3) days prior to meeting subject to availability and confirmation by the hotel. Please note that these rates do not reflect the current state and local taxes, currently 12.5% and 1% Orange County Convention Center surcharge (all taxes subject to change). More than 2 people subject to additional charge of $20 per person per night. Children seventeen (17) years and under stay free when sharing with an adult utilizing existing bedding.

Individual departure dates will be reconfirmed upon check-in. Changes made thereafter will result in a $50 fee. Check-in is 3pm; Check-out is 11am.

Deposit: To reserve your room using a credit card, you may call reservations at (866) 996-6338. Credit cards will be charged one night's room plus tax. Remember to identify yourself as a registrant of the ASFNR 6th Annual Meeting in order to qualify for the special discounted group room rate. Cancellation: Individual deposits are refundable if cancelled up to five (5) days prior to arrival. Please note that there are three (3) Rosen Hotels. The American Society of Functional Neuroradiology is being held at the Rosen Shingle Creek on Universal Boulevard. Call Professional Travel (official travel agency) at (800) 237-7230 (toll free U.S. and Canada) or (813) 806-1050 (direct) if you have any questions or problems making your hotel reservations or prefer alternate accommodations. Please photocopy this form for additional registrants.
American Society of Functional Neuroradiology
Membership Information/Membership Application

Membership Categories:
Member: radiologist, neuroradiologist, physicist, or scientist who practices or has a special interest in functional neuroradiology
Associate: physician, scientist, or radiologic technologist (M.D., D.O., Ph.D., R.T.) with a special interest in functional neuroradiology but who does not fulfill the criteria for Member status
Student: medical, undergraduate, or graduate student, resident or fellow. Postdoctoral fellows will be considered, if they are within four years of their doctoral degree

Membership Benefits:
- Reduced Registration Fee to attend the ASFNR Annual Meeting*
- Reduced Registration Fee to attend the American Society of Neuroradiology (ASNR) Annual Meeting*
- Membership Certificate (Member and Associate only)
- Subscription to the American Journal of Neuroradiology at the ASNR member rate (Member and Associate only)
- Opportunity to join one or more Study Groups
- Opportunity to participate in the Scientific and Business Meetings, and activities of the Society
- Serve on standing committees, propose candidates for nomination, vote and hold elected office (Members only)

Applying For Membership:
If you are a current member of ASNR or:
- American Society of Head and Neck Radiology (ASHNR)
- American Society of Pediatric Neuroradiology (ASPNR)
- American Society of Spine Radiology (ASSR)
- Eastern Neuroradiological Society (ENRS)
- Western Neuroradiological Society (WNRS)
1. Complete #1, 2, 3, and 8 of the membership application
2. Include prorated dues

If you are not a current member of the above societies, and are applying for Member or Associate status, you must include the following:
1. Completed membership application
2. One sponsor letter. Sponsor must currently hold ASFNR Member status, or the equivalent from the ASNR, ASHNR, ASPNR, ASSR, ENRS, or WNRS, and be familiar with the reputation and qualifications of the applicant and applicant’s involvement and/or interest in functional neuroradiology.
3. Current curriculum vitae
4. Copy of Radiology Board or Subspecialty Certification (formerly CAQ) certificate
5. Prorated dues

If you are not a current member of the above societies, and are applying for Student status, you must include the following:
1. Completed membership application
2. One sponsor letter. Sponsor must currently hold ASFNR Member status, or the equivalent from the ASNR, ASHNR, ASPNR, ASSR, ENRS, or WNRS, and be familiar with the applicant’s reputation, qualifications and involvement and/or interest in functional neuroradiology.
3. Letter from your Department Chairman verifying current status and expected date of graduation
4. Current curriculum vitae
5. Prorated dues

Prorated Membership Dues
ASFNR (prorated dues include application fee)

<table>
<thead>
<tr>
<th>Membership Category</th>
<th>Annual Membership Dues</th>
<th>1st Qtr.</th>
<th>2nd Qtr.</th>
<th>3rd Qtr.</th>
<th>4th Qtr. **</th>
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<tbody>
<tr>
<td>Member</td>
<td>$100 + $25 application fee</td>
<td>$125</td>
<td>$100</td>
<td>$75</td>
<td>$125</td>
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<tr>
<td>Associate</td>
<td>$50 + $25 application fee</td>
<td>$75</td>
<td>$63</td>
<td>$50</td>
<td>$75</td>
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<tr>
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<td>$25</td>
<td>$25</td>
<td>$19</td>
<td>$13</td>
<td>$25</td>
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Each Study Group’s dues are $10 (not prorated) – add $10 for each group membership and indicate your selected group(s) with an “X”. Your Study Group membership(s) will begin upon your acceptance into Society membership.

**When dues are paid in the 4th Quarter, membership is valid through the end of the following calendar year.

*Deadline to Submit Membership Application: If you wish to register for the ASFNR 6th Annual Meeting at the discounted member rate, your completed application (and any required documentation and dues) must be received no later than February 20, 2012. You will receive an email confirming receipt of your application, after which you may register as an ASFNR member. If you wish to register for only the ASFNR 50th Annual Meeting/The Foundation of the ASNR Symposium 2012 at the discounted ASFNR member rate, your completed ASFNR membership application must be received no later than 30 days prior to the start of ASNR 50th Annual Meeting/The Foundation of the ASNR Symposium 2012. For more information on that meeting, log onto www.asnr.org.
ASFNR Membership Application  
(Please type or print legibly)

Return completed membership application, any required documentation, and dues payment to:  
ASFNR Membership Dept. • 2210 Midwest Road, Suite 207 • Oak Brook, IL 60523-8205

Membership category applied for:    _____Member    _____Associate    _____Student

1. Name
   First     Middle Initial     Last Name     Degree

2. List both home and office (if applicable) addresses:
   Home                                      Office
   Address _________________________________ Institution ________________________________
   City/State/Province ______________________ Department ______________________________
   Zip ____________________________________ Address ________________________________
   Phone (  ) ______________________________ Phone (  ) ______________________________
   E-Mail Address __________________________ FAX (  ) ________________________________
   (E-mail address is required)               

3. Indicate with an “X” all the societies of which you are a member:  _____ASNR  _____ASHNR  _____ASPNR  
   _____ASSR  _____ENRS  _____WNRS

   IMPORTANT: If you ARE a member of any of the societies listed above, proceed to #8 ... sign and date the application, and provide the appropriate amount of prorated dues -- you do not need to complete the other sections of the application.

   If you ARE NOT a member of any of the societies listed above, complete the entire application, and provide required documentation and prorated membership dues.

4. Indicate with an “X” if you belong to the following societies:  _____ISMRM  _____OHBM

5. If you DO NOT belong to any of the societies listed in #3, you must include one sponsor letter with your application. 
   Refer to Membership Information on reverse side to determine qualified sponsors.

   Sponsor’s Name: ________________________________
   Institution: __________________________________
   Phone (  ) ________________________________ E-mail ________________________________

6. Certification: Board:                        Date ________________________________
   Subspecialty Certification (formerly CAQ) Date ________________________________

7. Fellowships: Institution (1): ________________ Dates ______________________________
   Institution (2): ____________________________ Dates ______________________________

8. I agree to abide by the ASFNR Constitution and any revisions thereof:
   Applicant’s Signature ________________________ Date ______________________________

   Please note:  U.S.-based applicants may pay prorated membership dues by check (made payable to ASFNR), or credit card.

   Non U.S.-based applicants must pay prorated membership dues by credit card. Payment must accompany application.

   Complete the following information for credit card payment

   Billing address, if different from #2 above: Check one: _____Home    _____Institution    _____Business Office

   Name of Institution/Affiliation: ________________________________
   Address: __________________________________________________
   City: __________________________ State/Province: __________________________ Zip/Postal Code: ____________________
   Country (if other than U.S.): __________________________________

   Indicate amount of prorated membership dues: $ ____________________

   Credit Card: _____American Express  _____MasterCard  _____Visa
   Card Number: ______________________________________________ Expiration Date: __________________
   Name as it appears on the card: ____________________________
   Signature: ______________________________________________  

ASFNR • 2210 Midwest Road, Suite 207 • Oak Brook, IL 60523-8205 • Phone: 630/574-0220, ext. 234 or 226 • Fax: 630/574-0661  
Email: bmaack@asnr.org or kcammarata@asnr.org • Website www.asfnr.org
6th Annual Meeting of the
American Society of
Functional Neuroradiology

March 7 – 9, 2012 • Rosen Shingle Creek • Orlando, Florida

REGISTER NOW!

<table>
<thead>
<tr>
<th>REGISTRATION FEES</th>
<th>MEETING REGISTRATION ON / BEFORE 2/2/12</th>
<th>MEETING REGISTRATION ON / AFTER 2/3/12</th>
<th>WORKSHOP REGISTRATION BEFORE 12/30/11*</th>
<th>WORKSHOP REGISTRATION AFTER 12/30/11*</th>
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<tbody>
<tr>
<td>ASFNR MEMBER</td>
<td>$395</td>
<td>$445</td>
<td>$+175</td>
<td>$+225</td>
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<tr>
<td>NON MEMBER</td>
<td>$495</td>
<td>$545</td>
<td>$+175</td>
<td>$+225</td>
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<tr>
<td>TECHNOLOGIST, RETIRED PHYSICIAN, FELLOW*, AND FULL-TIME MILITARY*</td>
<td>$195</td>
<td>$245</td>
<td>$+175</td>
<td>$+225</td>
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</tbody>
</table>

*Optional BOLD Functional MRI Hands-on Workshop (Attendance limited to first 20 registrants.)

FOR YOUR CONVENIENCE, REGISTER ONLINE AT WWW.ASFNR.ORG

I am: (please check one)  ❑ ASFNR Member  ❑ Non Member  ❑ Technologist  ❑ Retired Physician  ❑ Fellow*  ❑ Military*

*Military and Fellow must enclose letter from Director verifying status.

FILL OUT & SEND (PLEASE PRINT)

Name __________________________________________________________

First Middle Last

Degree  ❑ M.D.  ❑ D.O.  ❑ Ph.D.  ❑ R.T.  ❑ Other ___________________________ ❑ Specialty ___________________________

Facility/Organization ____________________________________________ Dept. ___________________________

Street Address  ❑ HOME  ❑ OFFICE ________________________________________________________

City ____________________________ State __________ Zip __________

Phone __________________ Fax __________________ Email __________________

PAYMENT INFORMATION:

❑ Check Enclosed (Payable to: ASFNR)  ❑ Charge to Credit Card:  ❑  ❑  ❑  ❑  ❑  ❑  ❑

Name on Card:  ❑ Same As Above ____________________________

Card Billing Address:  ❑ Same As Above ________________________________________________________

City ____________________________ State __________ Zip __________

Credit Card Number: ___________________________________________ Expiration Date: _____/_____/_____

Card Security Code* ____________ **MasterCard, Visa and Discover: The last 3 Digits printed in signature space on card back. American Express: 4 Digits above account number on card front.

Signature: ________________________________________________________________________________

REGISTER NOW: CALL (800) 338-5901 or Fax 800-344-0668 BEFORE FEBRUARY 3, 2012
ASFNR, c/o Educational Symposia • 5620 West Sligh Avenue • Tampa, Florida 33634-4490