12th Annual Meeting of the
AMERICAN SOCIETY OF
FUNCTIONAL NEURORADIOLOGY

October 15-17, 2018
Hotel del Coronado
Coronado, California

20.0 AMA PRA Category 1 Credit(s)™

Optional BOLD Functional MRI Hands-On Workshop

October 14, 2018

7.25 AMA PRA Category 1 Credit(s)™
Workshop attendance is limited to the first 25 Registrants
Please plan to attend the American Society of Functional Neuroradiology (ASFNR) 12th Annual Meeting to be held October 15-17, 2018 at the Hotel del Coronado in San Diego, California. An optional “hands-on” BOLD fMRI workshop will be conducted on October 14.

The ASFNR Annual Meeting will provide attendees with an unparalleled opportunity to receive instruction in the rapidly evolving field of functional neuroimaging and related disciplines. The program will appeal to a multidisciplinary group of professionals interested in neuroimaging including: neuroradiologists, neurologists, neurosurgeons, medical physicists, biomedical engineers, neuropsychologists, cognitive neuroscientists, clinical and research fellows, residents, doctoral and postdoctoral students, and radiology technologists.

During the 2 ½ day meeting, educational opportunities will include lectures, panel discussions, oral research paper presentations, posters, and small group study sessions. Instruction will be provided by an outstanding group of internationally recognized experts in the field.

I’m pleased to announce that this year’s honorary lecturer will be Kamil Ugurbil, PhD from the Center for Magnetic Resonance Research at the University of Minnesota. Dr. Ugurbil, known for his groundbreaking work in BOLD fMRI and ultrahigh field MR imaging, will be sharing insights and perspectives gained through his integral involvement with the Human Connectome Project and the NIH BRAIN initiative.

Additional highlights of this year’s program include:
• Updates on clinical BOLD fMRI for pre-surgical mapping including advanced anatomic considerations, multiband data acquisition, cerebral vascular reactivity imaging, and ultrahigh field fMRI.
• Advances in diffusion imaging including clinical application of diffusion tensor imaging and other diffusion based microstructural imaging techniques.
• New perspectives on cerebral perfusion imaging, radiogenomics, and other advanced methods of brain tumor analysis.
• An exploration of neuropsychiatric imaging.
• Best recommendations for pediatric functional neuroimaging methods.
• A look into the quickly evolving role of artificial intelligence in advanced neuroimaging.

This year, the popular pre-meeting ASFNR “Hands-On” BOLD fMRI data processing workshop, chaired by Dr. Scott Faro and Dr. Feroze Mohamed, will be expanded to include processing of resting state functional connectivity data. Registration is limited and demand is always high, so be sure to register early for this unique training opportunity.

The setting for this year’s meeting is the beautiful Hotel del Coronado, an iconic beach resort across the bay from the city of San Diego. A short 20-minute drive or taxi ride from the San Diego International Airport, the facility offers a tranquil seaside setting with several dining opportunities and a beautiful beach. San Diego itself is one of the premiere tourist destinations in the United States and is famous for its wonderful weather throughout the year. The city provides a virtually endless palate of activities to satisfy all tastes. Whether your preferred leisure is outdoor adventure, athletics, fine dining, shopping, family theme parks, or simply enjoying a relaxing sunset stroll down the beach, San Diego has it all.

I look forward to seeing you at the Hotel del Coronado in October.

Kirk M. Welker, M.D.
President and Program Chair

Target Audience
This CME activity is intended to educate anyone interested in functional neuroimaging including neuroradiologists, neurologists, neurosurgeons, neuropsychiatrists, cognitive neuroscientist and psychologists, brain mapping scientists, physicists, residents, fellows, doctoral and postdoctoral students, engineers, and radiology technologists.

Scientific Sponsor
Educational Symposia

Educational Objectives
Attendees should, at the completion of this meeting, be able to:
• Understand the physics, clinical application, and limitations of the following imaging techniques: active task and resting state BOLD fMRI, diffusion-weighted imaging, diffusion tensor imaging, dynamic susceptibility contrast perfusion imaging, arterial spin labeling, and ultrahigh field MRI.
• Apply advanced diagnostic functional imaging techniques in a variety of disease processes including epilepsy, brain tumors, cerebrovascular disease, traumatic brain injury, neuropsychiatric disease, and chronic neurodegeneration.
• Describe the current and future impact of artificial intelligence on the practice of neuroradiology.
• Use advanced functional imaging techniques for the benefit of pediatric patients.

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 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 20.0 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 asfnr.edusymp.com or call (813) 806-1000 regarding the availability of Category A CE Credit.

Registration Information
Payment of the registration fee includes all meeting materials, including a color e-syllabus (printed color syllabus is available for $35), welcome reception, daily continental breakfasts, and refreshment breaks.

Cancellations must be received in writing. A $75 processing fee will be applied to all cancellations. Refunds requested in writing prior to October 4, 2018 will be issued for the amount of registration paid, less the $75 processing fee. No refunds will be made on or after that date.

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About This Workshop
This workshop will provide a practical step-by-step post-processing of BOLD fMRI studies with SPM12 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 fMRI Data

- Resting State fMRI
  - Preprocessing of Resting state data
  - Post processing strategies

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 providership 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 7.25 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 http://asfnr.eduymn.com or call (813) 806-1000 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 SPM12 and MATLAB software prior to the workshop. DICOM BOLD fMRI practice data sets will be available at the workshop. All registrants will be given instructions on downloading SPM12 and the 15-day free MATLAB license prior to the workshop.
PROGRAM SCHEDULE

Monday, October 15, 2018

6:30 – 7:00 AM Registration, Continental Breakfast and Visit Technical Exhibits

PHYSICS PRIMERS

Moderators: Asim Z. Mian, M.D., Warren A. Stringer, M.D., Michael Is., M.D.

7:00 – 7:20 BOLD fMRI Physics
Fereze B. Mohamed, Ph.D.

7:20 – 7:40 Diffusion Physics
Eli D. Fefferman, Ph.D.

7:40 – 8:00 Perfusion (DSC/ASL) Physics
Dapeng Qiu, Ph.D.

8:00 – 8:05 Welcome
Kirk M. Welker, M.D.

BOLD TASK-BASED fMRI

Moderators: Kalliopi A. Petropoulou, M.D., Andrew J. Kalnin, M.D., Kiran S. Talekar, M.D., MBBS

8:05 – 8:25 Advanced Functional Anatomy for BOLD Presurgical Mapping
David F. Black, M.D.

8:25 – 8:45 Clinical fMRI for Presurgical Planning
Gaurang V. Shah, M.D., FACR

8:45 – 9:05 New Directions in Clinical BOLD fMRI
Kirk M. Welker, M.D.

9:05 – 9:25 Neurovascular Uncoupling and Its Impact on Task and Resting State fMRI
Jay J. Pillai, M.D.

9:25 – 9:45 Cortical Reorganization in Brain Tumor Patients: New Methods of Analysis to Address this Difficult Problem
Andrea L. Hollyday, M.D.

9:45 – 9:50 Questions and Answer Session
Faculty

9:50 – 10:10 Refreshment Break and Visit Technical Exhibits

PERFUSION AND DIFFUSION IMAGING

Moderators: Mark S. Shiroishi, M.D., Mohit Mabchruwai, M.D., Amit B. Desai, M.D.

10:10 – 10:30 DSC-MRI: Application to Clinical Trials and the Need for Standardization
Jerold L. Boxerman, M.D., Ph.D., FACR

10:30 – 10:50 Arterial Spin Labeling in Clinical Practice
Jeffrey M. Pollock, M.D.

10:50 – 11:10 Quantitative MRI Biomarkers for White Matter Disease and Repair
Aaron S. Field, M.D., Ph.D.

11:10 – 11:15 Questions and Answer Session
Faculty

TRAUMATIC BRAIN INJURY

Moderators: Ibrahim S. Tuna, M.D., Christie M. Madayil-Lincoln, M.D.

11:15 – 11:35 Effects of Mild TBI on Brain Functional Connectivity
Christopher T. Whitelow, M.D., Ph.D., MHA

11:35 – 11:55 Imaging of Post-Concussive Vestibular Impairment
Jason W. Allen, M.D., Ph.D.

11:55 – 12:15 PM Imaging of Sub-Concussive Impacts
Joseph A. Maldives, M.D.

12:15 – 12:30 Question and Answer Session
Faculty

12:30 – 1:30 Lunch and Learn Session (TBD) or Lunch on Your Own

Tuesday, October 16, 2018

7:00 – 8:00 AM Registration, Continental Breakfast and Visit Technical Exhibits

ADVANCED IMAGING IN STROKE

Moderators: Sotirios Bisias, MD, Ph.D., MSc, John Conkin, MD, MSc, FRCPC

8:05 – 8:25 Perfusion CT in Acute Stroke
Carlos Leiva-Sulinas, M.D., Ph.D.

8:25 – 8:45 MRI in Cerebrovascular Ischemia
Seena Debghaghani, M.D.

8:45 – 9:05 Neurointerventional Imaging and Treatment of Ischemic Stroke
Jeremy J. Hezi, M.D., Ph.D.

9:05 – 9:10 Questions and Answer Session
Faculty

FUNCTIONAL CONNECTIVITY IMAGING

Moderators: Frank J. Minja, M.D., Verus A. Nair, Ph.D., Claudia F.E. Kirsch, M.D.

9:10 – 9:30 Introduction to Pre-Processing of Resting State fMRI
Joshua S. Shimony, M.D., Ph.D.

9:30 – 9:50 Dynamic Functional Connectivity Analysis
Using Resting State fMRI
Harris I. Sair, M.D.

9:50 – 10:10 Refreshment Break and Visit Technical Exhibits

10:10 – 10:30 Functional Connectivity in a Spatially Heterogeneous World
T. Jason Dr sagel, M.D., Ph.D.

10:30 – 10:50 Better, Stronger, Faster? Connectivity in MEG
Elizabeth M. Davenport, Ph.D.

10:50 – 11:00 Questions and Answer Session
Faculty

NEURODEGENERATION

Moderator: Michael J. Hoch, M.D., Sabish K. Dandamadapa, M.D., Judd M. Storrs, Ph.D.

10:55 – 11:15 MR Imaging of Glymphatic Flow: Results from Human Volunteers
Richard Watts, D.Phil.

11:15 – 11:35 Clinical fMRI Neuroimaging and Imaging of Vascular Cognitive Impairment and Alzheimer’s Dementia
Meng Lao, M.D., MBBS, FRACR

11:35 – 11:55 Connectome Modeling of Alzheimer’s Disease Progression
Samu N. Niogi, M.D., Ph.D.

Erik H. Middlebrooks, M.D.

12:15 – 12:30 Question and Answer Session
Faculty

12:30 – 1:30 Lunch and Learn Session (TBD) or Lunch on Your Own

1:30 – 1:50 ASFNRA Annual Business Meeting (Members Only)
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:45 – 9:05</td>
<td>Update on the Clinical Implementation of BOLD MRI Cerebrovascular Reactivity Imaging David J. Mikulis, M.D.</td>
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<tr>
<td>9:05 – 9:25</td>
<td>Translating Research Findings Into New Clinical Indications Timothy P.L. Roberts, Ph.D.</td>
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<tr>
<td>9:25 – 9:45</td>
<td>Better Alternatives to Diffusion for Detecting Small Brainstem and Subcortical Pathways Timothy A. Shepherd, M.D., Ph.D.</td>
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<tr>
<td>9:45 – 9:50</td>
<td>Questions and Answer Session Faculty</td>
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<tr>
<td>9:50 – 10:10</td>
<td>Refreshment Break and Visit Technical Exhibits</td>
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<tr>
<td>10:10 – 10:50</td>
<td>Keynote Lecture: Neurite Orientation Density and Dispersion Imaging Gary Hui Zhang, Ph.D.</td>
</tr>
<tr>
<td>10:50 – 11:10</td>
<td>7T EEG-fMRI of Epilepsy Patients, Using Paradigm Free Mapping Stephen Jones, M.D., Ph.D.</td>
</tr>
<tr>
<td>11:00 – 11:15</td>
<td>Questions and Answer Session Faculty</td>
</tr>
<tr>
<td>11:10 – 11:15</td>
<td>Diffusion MR of the Spine: Translation to Clinical Use Amish H. Doshi, M.D.</td>
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<tr>
<td>11:55 – 12:15</td>
<td>Serum and Quantitative Imaging Correlates of Disc Disease               Christopher G. Filippi, M.D.</td>
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<tr>
<td>12:15 – 12:20</td>
<td>Questions and Answer Session Faculty</td>
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<tr>
<td>12:20 – 12:30</td>
<td>Closing Remarks Max Wintermark, M.D., MAS, M.B.A.</td>
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<tr>
<td>12:30</td>
<td>End of Program</td>
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</tbody>
</table>

**ADVANCES IN PEDIATRIC NEUROIMAGING**

**Moderators:** Pradeep Krishnan, M.D., Stephen F. Kralik, M.D., Aizen F. Choudhri, M.D.

| 1:50 – 2:10      | Special Considerations for Imaging Children Aratoz Vosough, M.D., Ph.D. |
| 2:10 – 2:30      | New Pediatric Neuroimaging Applications Mas-Lan Hu, M.D.                 |
| 2:30 – 2:50      | Effective Protociling in Pediatric Neuroradiology Suam Palais, M.D.     |
| 2:50 – 3:10      | 3D Printing Technology and Applications Sanjay P. Prabhu, MBBS, FRCR   |
| 3:10 – 3:15      | Questions and Answer Session Faculty                                   |

**EMERGING TECHNIQUES I**

**Moderators:** Pradeep Krishnan, M.D., Stephen F. Kralik, M.D., Aizen F. Choudhri, M.D.

| 3:15 – 3:35      | Refreshment Break and Visit Technical Exhibits                          |

**ARTIFICIAL INTELLIGENCE**

**Moderators:** Albert Montillo, Ph.D., Christopher G. Filippi, M.D.

| 3:35 – 3:55      | Machine Learning: A Neuroradiologist’s Primer Yvonne W. Lui, M.D.       |
| 3:55 – 4:15      | Predicting Images with Artificial Intelligence Greg Zaharchuk, M.D., Ph.D. |
| 4:15 – 4:35      | What We Can Do Now and What We Will Be Able to Accomplish with Deep Learning in Neuroradiology Peter D. Chang, M.D. |
| 4:35 – 5:00      | Panel Discussion: The Future of Artificial Intelligence and Neuroradiology Yvonne W. Lui, M.D., Greg Zaharchuk, M.D., Ph.D., Peter D. Chang, M.D. |

**FUNCTIONAL SPINE IMAGING**

**Moderators:** Amit Aggarwal, M.D., Daniel S. Chow, M.D.

| 5:00            | Session Ends                                                           |
| 5:00 – 6:30     | Oral Paper Presentations:                                             |
| 6:30 – 7:00     | Study Group Sessions: Neuropsychiatric MRI:                           |
| 6:30 – 7:00     | Study Group Sessions: Machine Learning:                               |

**SENSORY-MOTOR DATA PROCESSING**

| 7:00 – 8:00     | Oral Paper Presentations:                                             |
| 8:00 – 8:05     | Welcome: Kirk M. Welker, M.D.                                         |

**EMERGING TECHNIQUES II**

**Moderators:** Pradeep Krishnan, M.D., Stephen F. Kralik, M.D., Aizen F. Choudhri, M.D.

| 8:05 – 8:25     | New Advances in Connectomics Pranab Mukherjee, M.D., Ph.D.            |
| 8:25 – 8:45     | Magnetic Particle Imaging for Neuroradiology Applications Max Wintermark, M.D., MAS, M.B.A |

**SUNDAY, OCTOBER 14, 2018**

**8:00 – 9:00 AM**

Registration and Continental Breakfast for Registrants

**ESSENTIALS OF FUNCTIONAL IMAGING**

**9:00 – 9:45**

Introduction to BOLD, Paradigm Design, and SPM Chris Canakin, Ph.D.

**9:45 – 10:15**

Introduction to General Linear Model for Task Based BOLD fMRI Analysis Ferazz B. Mohamed, Ph.D.

**10:15 – 10:30**

Presenting BOLD fMRI Data-Statistical Processing Strategies Devon Middleton, Ph.D.

**10:30 – 11:00**

Clinical Overview of Motor and Language Activation Scott H. Farr, M.D.

**11:00 – 11:30**

Review of Neurovascular Uncoupling (NVU) in BOLD fMRI Jay J. Pillai, M.D.

**11:30 – 12:00 PM**

Boxed Lunch

**2:00 – 2:15**

Coffee Break

**SENSORY-MOTOR DATA PROCESSING**

**2:15 – 2:45**

Introduction to Resting state fMRI Haris I. Sair, M.D.

**2:45 – 4:45**

Practical Exercise on Resting State Analysis Haris I. Sair, M.D., Devon Middleton, Ph.D., Chris Canakin, Ph.D., Mahdi Alizadeh, Ph.D., Anup K. Bhattacharya, M.D., Joshua Fisher, B.S., Harris I. Sair, M.D., and Ferazz B. Mohamed, Ph.D.

**4:45 – 5:00**

Review SPM Processing and Resting State fMRI with Question and Answer Session Faculty

**5:00**

Workshop Concludes

♦ Not accredited for AMA PRA Category 1 Credit(s). Faculty & topics subject to change.
Faculty & topics subject to change.
Make Reservations

Space is Limited – Reserve Today:
Call Hotel del Coronado Reservations at: 1-800-468-3533 and provide Group Code “ASFNR” or book online at:

https://aws.passkey.com/e/49513145

About The Resort
Experience the artful blend of elegance and tradition at the Hotel del Coronado. The Del’s most traditional San Diego beach accommodations reflect the resort’s classic heritage in their charming décor. Housed in the original Victorian building, a National Historic Landmark, the Del blends romantic, 19th-century ambiance with modern comforts for today’s traveler.

The Del is proud to present, ENO, a new culinary offering that celebrates the three most delectable indulgences in the world – fine wines, rare cheeses and gourmet chocolates. To learn more, visit www.hoteldel.com.

How to Get There
Fly directly to San Diego International Airport, located just 17 minutes from the Hotel del Coronado. Daily non-stop flights are available to San Diego for major national and international carriers.

Special Discounted Group Room Rates

Run of the House Guestrooms .....................................................$269/nt. (single/double occupancy)
Upgraded room type based on availability and at the Hotel’s discretion:
Coastal View Guestrooms ............................................................$319/nt. (single/double occupancy)
Ocean View Guestrooms ..............................................................$349/nt. (single/double occupancy)
Run of Junior Suites ....................................................................$410/nt. (single/double occupancy)

Hotel cut-off date: September 22, 2018
(group rates 3 days prior/post – space available basis)

Hotel Tax: 11.56%
Resort Fee: Waived

DEPOSIT POLICY:
Hotel requires one night’s room + tax as a deposit to be charged at time of reservation.

CANCELLATION POLICY:
Refunds will be issued for rooms cancelled at least 48 hours prior to arrival date. All room cancellations after this time are subject to penalty. Check in time is: 4:00 PM; Check out time is: 12:00 Noon.
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)- Optional
- Opportunity to join ASFNR 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)
- Southeastern Neuroradiological Society (SENRS)
- 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, SENRS, 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, SENRS 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 (**Student** applicants only)
4. Current curriculum vitae
5. Prorated dues

Prorated Membership Dues

<table>
<thead>
<tr>
<th>American Society of Functional Neuroradiology (ASFNR) (prorated dues include application fee)</th>
<th>1st Qtr.</th>
<th>2nd Qtr.</th>
<th>3rd Qtr.</th>
<th>4th Qtr. **</th>
</tr>
</thead>
<tbody>
<tr>
<td>Membership Category</td>
<td>Annual Membership Dues</td>
<td>Jan-March</td>
<td>Apr-June</td>
<td>July-Sept</td>
</tr>
<tr>
<td><strong>Member</strong></td>
<td>$125 + $25 application fee</td>
<td>$150</td>
<td>$112</td>
<td>$88</td>
</tr>
<tr>
<td><strong>Associate</strong></td>
<td>$50 + $25 application fee</td>
<td>$75</td>
<td>$63</td>
<td>$50</td>
</tr>
<tr>
<td><strong>Student</strong></td>
<td>$25</td>
<td>$25</td>
<td>$19</td>
<td>$13</td>
</tr>
</tbody>
</table>

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.

**BOLD fMRI**          **Diffusion/Perfusion Imaging**

**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 12th Annual Meeting** at the discounted member rate, your completed application (and any required documentation and dues) must be received **30 days prior to the Meeting.** You will receive an email confirming receipt of your application, after which you may register as an ASFNR member.
ASFNR Membership Application
(Please type or print legibly)

Return completed membership application, any required documentation, and dues payment to:
ASFNR Membership Dept. ♦ 800 Enterprise Drive, Suite 205 ♦ Oak Brook, IL 60523-4216

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
   Address______________________________
   City/State/Province___________________
   Zip______________________________
   Phone (       )______________________
   E-Mail Address_______________________
   (E-mail address is required)
   Office
   Institution________________________
   Department________________________
   Address____________________________
   City/State/Province___________________
   Zip______________________________
   Phone (       )______________________
   FAX (       )_______________________

3. Indicate with an “X” all the societies of which you are a member: ____ASNR   ____ASHNR   ____ASPNR
   ____ASSR    ____ENRS      ____ SENRS    ____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 ♦ 800 Enterprise Drive, Suite 205 ♦ Oak Brook, IL 60523-4126 ♦ Phone: 630/574-0220, ext. 234 or 226 ♦ Fax: 630/574-0661
Email: kkulpaka@asnr.org or kcammarata@asnr.org ♦ Website www.asfnr.org
# Meeting Registration Form:

### 12th Annual Meeting of the American Society of Functional Neuroradiology

**October 15-17, 2018 • Hotel del Coronado • Coronado, California**

Optional BOLD Functional MRI Hands-On Workshop • October 14, 2018

Workshop attendance is limited to the first 25 Registrants

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## Registration Fees

<table>
<thead>
<tr>
<th>Membership Type</th>
<th>ASFNR 12th Annual Meeting Mon. - Wed.</th>
<th>BOLD FMRI Workshop</th>
</tr>
</thead>
<tbody>
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<td>ASFNR Member</td>
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<td>$225</td>
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<td>Non-Member</td>
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<td>$225</td>
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<tr>
<td>Fellow*, Resident*, Full-Time Military*, Technologist, Retired Physician</td>
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