



# **The Eastern Neuroradiological Society**

**22nd Annual Meeting  
August 12-14, 2010**

**Four Seasons Hotel  
Washington, D.C.**

*The International Institute for Continuing Medical  
Education is accredited by the Accreditation Council  
for Continuing Medical Education to provide  
continuing medical education for physicians.*



**Eastern Neuroradiological Society  
22nd Annual Meeting, August 12-14, 2010  
Four Seasons Hotel, Washington, D.C.**

**Course Objectives**

To update the scientific and medical knowledge of the participants in the field of neuroradiology applications and techniques.

The Annual Meeting Scientific Program accomplishes CME objectives through invited lectures, case presentations, and submitted clinical and scientific research abstract presentations.

**Target Audience**

The ENRS Annual Meeting is primarily directed towards academic and private practice neuroradiologists in the United States and Northeastern Canada. Attendees include members of the Eastern Neuroradiological Society and invited speakers. The ENRS program is designated for physicians with an interest and background in the nervous system, otolaryngology, and spine disorders as well as experience with medical imaging and interventional methods (including CT, MRI, X-Ray and Angiography).

**Accreditation Statement**

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 sponsorship of the International Institute for Continuing Medical Education and The Eastern Neuroradiological Society.

The International Institute for Continuing Medical Education is accredited by the ACCME to provide continuing medical education for physicians.

**Designation Statement**

The International Institute for Continuing Medical Education, Inc. designates this educational activity for a maximum for *12.75 AMA PRA Category 1™*. Physicians should only claim credit commensurate with the extent of their participation in the activity.

**Thank you to our Sponsors**

At the time of printing, a complete listing of corporate sponsors was not available. Acknowledgment will be given to all sponsors at the next mailing and at the time of the meeting.

**Letter from the Program Chair**

Mark your calendar now for the 22nd Annual Meeting of the Eastern Neuroradiological Society, August 12 -14, 2010. This will be a wonderful chance to learn and socialize at the fabulous Four Seasons Hotel, right on Pennsylvania Avenue in Georgetown, Washington, D.C.

The 2010 program will feature talks on a spectrum of advanced neuroimaging and neurointerventional techniques. Emphasis will be placed on the integration of these evolving techniques into modern practice.

Focus sessions will be on *Advances in Neuroimaging, Brain: Anatomy & Pathology, Pediatrics, Spine, and Trauma*. These include lectures on the latest in diagnostic and interventional Neuroradiology, with practical techniques that can be directly applied to your own practice (such as how to reduce the need for sedation of pediatric patients and optimizing 3T imaging).

Our Self-Assessment Module (SAM) session to obtain credit toward the Maintenance of Certification (MOC) process will focus on Head and Neck Imaging, with sessions presented by *Drs. Hugh Curtin and Laurie Loevner*. This session should be of particular value to practicing radiologists, as well as residents and fellows preparing for board and subspecialty exams.

Attendees will also have an opportunity to hear from and pose questions to the ASNR President, *Dr. Carolyn Meltzer*, regarding the future of Neuroradiology.

One of our annual highlights, STUMP the ENRS STARS, will be continued this year as an interactive session amongst all attendees for learning and enjoyment. Come defend your regional pride!

Located in the lovely Georgetown section of Washington, D.C., The Four Seasons Hotel has wonderful local attractions, as listed in this brochure.

These meetings of the Eastern Neuroradiological Society provide a terrific opportunity to share the wealth of knowledge held by our members. The collegial and relaxed setting has consistently been rated as one of the meeting's best features by attendees. My hope is to have created a program that will stimulate interesting discussions of all aspects of our professional lives. We will have a lot to talk about and the setting certainly couldn't be better.

See you at the Four Seasons!  
Erin Simon Schwartz, MD

## The Eastern Neuroradiological Society 2010 Program

### THURSDAY, 8/12/10 - Salon B

1:00 – 1:05    **Welcome and Introduction**  
Pina Sanelli, MD, MPH,  
President, ENRS

#### Session 1A – Advances in Neuroimaging

1:05 – 1:25    **Optimizing High Field Imaging**  
Timothy Roberts, PhD

1:25 – 1:45    **CT Perfusion**  
Pina Sanelli, MD, MPH

1:45 – 2:05    **Introduction to DTI**  
Robert D. Zimmerman, MD,  
FACR

2:05 – 2:25    **MR Spectroscopy**  
Ashok Panigraphy, MD

2:25 – 2:45    **Pitfalls of Advanced Imaging**  
Alex Marmourian, MD

2:45 – 2:50    **Abstract: Using CTP to guide  
treatment management in  
aneurysmal subarachnoid  
hemorrhage** - Rachel Gold, MD

2:50 – 2:55    **Abstract: Dual Energy CT for  
Differentiating Intracranial  
Hemorrhage from Iodinated  
Contrast after Catheter  
Angiography**  
Rajiv Gupta, MD

2:55 – 3:20    **Break/Vendor Exhibits**  
Dunbarton Room/Conservatory

#### Session IB – Brain: Anatomy & Pathology

3:20 – 3:40    **High Field MRI Brain Anatomy**  
Thomas Naidich, MD

3:40 – 4:00    **Infection/Inflammation**  
Carl Johnson, MD

4:00 – 4:20    **Demyelinating Disease**  
Annette Nusbaum, MD

4:20 – 4:40    **Hemorrhage** - Pam Schaefer, MD

4:40 – 5:00    **Dementia** - Paolo Nucifora, MD

5:00 – 5:30    **Case-Based Review**  
Joshua Bemporad, MD

5:30 – 5:35    **Abstract: Photo Printing Derived  
Temporal Bones For Trainee  
Simulated Surgery**  
Sean Symons, MD

5:35 - 5:40    **Abstract: Improving Brachial  
Plexus Imaging: Is Neurography  
the Answer?**  
Jason Johnson, MD

5:40 – 5:45    **Abstract: Hemorrhage in Colloid  
Cyst during Labor: Case Report**  
Humera Ahsan, MD

7:00 – 10:00    **Welcome Dinner**  
Douglas Room/Patio

### FRIDAY, 8/13/10 - Salon B

7:00 – 8:00    **Continental Breakfast/  
Vendor Exhibits**  
Dunbarton Room/Conservatory

#### Session IIA – Pediatric Neuroimaging

8:00 – 8:20    **Decreasing the Need for Pediatric  
Sedation**  
Bernadette Koch, MD

8:20 – 8:40    **Nonaccidental Trauma**  
Gilbert Vezina, MD

8:40 – 9:00    **ASL Perfusion Imaging  
Applications in the  
Pediatric Brain**  
Arastoo Vossough, PhD, MD

9:00 – 9:20    **MEG for the Evaluation  
of Autism**  
Timothy Roberts, PhD

9:20 – 9:40 Pediatric Head and Neck Tumors  
Callie Robson, MB, CHB

9:40 – 10:10 Break/Vendor Exhibits  
Dunbarton Room/Conservatory

---

10:10 – 10:30 ASNR Presidential Address  
Carolyn Meltzer, MD, FACR

---

**Session IIB – Spine**

10:30 – 10:50 New Techniques for Imaging the Spine - Larry Tanenbaum, MD

10:50 – 11:10 Understanding Axial Low Back Pain: Epidemiology and Important Clinical and Imaging Features  
Walter Bartynski, MD

11:10 – 11:30 Diagnosis and Management of Sacroiliac Joint Pain  
Orlando Ortiz, MD, MBA

11:30 – 11:50 Break/Vendor Exhibits  
Dunbarton Room/Conservatory

11:50 – 12:10 Augmentation 2010 – An Update  
Joshua Hirsch, MD

12:10 – 12:40 Case-Based Review  
David Pastel, MD

12:40 – 1:15 Annual Business Meeting (ENRS Members Only)

7:00 – 8:00 Wine & Cheese Reception  
Seasons Patio

8:00 – 10:00 Dinner - Seasons



Jefferson Memorial

**SATURDAY, 8/14/10 - Salon B**

7:00 – 8:00 Continental Breakfast  
Vendor Exhibits  
Dunbarton Room/Conservatory

**Session IIIA – Trauma**

8:00 – 8:20 Brain Injury - Sachin Gujar, MD

8:20 – 8:40 Vascular Trauma  
Gregg Zoarski, MD

8:40 – 9:00 Cervical Spine Trauma  
Adam Flanders, MD

9:00 – 9:20 Head & Neck Imaging  
Rob Morales, MD

9:20 – 9:40 Break/ Vendor Exhibits  
Dunbarton Room/Conservatory

**Session IIIB – SAM: H&N**

9:40 – 10:25 SAM: Head & Neck  
Laurie Loevner, MD

10:25 – 11:10 SAM: Head & Neck  
Hugh Curtin, MD

11:10 – 12:30 Stump the ENRS Stars  
Rona Woldenberg, MD

12:30 – 12:35 Meeting Concludes  
Erin Simon Schwartz, MD  
President



National Museum of African Art  
Smithsonian Institution

## General Meeting Information



### WASHINGTON, D.C. INFORMATION:

Fly into Washington-Reagan Airport. The Four Seasons Hotel is 4 miles from Ronald Reagan Airport.

### HOTEL INFORMATION:

The Four Seasons Hotel is Washington's First and Only Mobil-Five Star, AAA Five Diamond Hotel. It is located in historic Georgetown.



The Four Seasons is close to all the National Monuments and just steps from Washington's finest antique shops, boutiques and restaurants. It is nestled in the charm of Washington's first and most exclusive residential neighborhood. On the Garden Terrace you can dine or enjoy a late night cocktail amid a multitude of lush plants, flowers, and a bubbling fountain.

Use of the Four Seasons Fitness Club and Spa is complimentary to Hotel Guests. There is a state-of-the-art fitness center, eight spa treatment rooms, and a personal trainer available. There is also an indoor lap pool and a whirlpool.

### Things to do Washington – Sightsee, sightsee, sightsee

Among all of the famous monuments and memorials . . .

- Jefferson Memorial
- Lincoln Memorial
- Vietnam Veterans Memorial
- Korean War Veterans Memorial
- Roosevelt Memorial
- Washington Monument

. . . to name a few, here are several other things you may enjoy:

- **The National Air and Space Museum** - the largest of the most visited museums in the world; airplanes and rockets from the Wright Brothers plane and the Spirit of St. Louis to Apollo. Touch the moon rock on display.
- **Hirshhorn Museum and Sculpture Garden** - based on the extensive 11,000 piece modern art collection of Joseph Hirshhorn.
- **The National Gallery** - a display of art over 90,000 pieces from the 3rd century to present times including works by Miro, Magritte, Van Gogh, Picasso, and Matisse.
- **The National Museum of Natural History** - houses an incredible collection gems and minerals among its many exhibits, including the nearly 46 carat blue Hope Diamond.
- **The Washington National Zoo** - see the giant Pandas, Mei Xiang, Tian Tian, and Tai Shan, the first Komodo Dragons bred in the Western world, the golden lions, and the orangutans, who make their own transportation system.



The White House

- **International Spy Museum** - a huge collection of over 600 international espionage artifacts, including a WWII German Enigma Cipher Machine.

- **Musicals, shows, and concerts** at one of the many performing art centers.



Washington Monument



Mei Xiang

**Eastern Neuroradiological Society  
22nd Annual Meeting, August 12-14, 2010  
Four Seasons Hotel, Washington, D.C.**

**Annual Meeting Registration Form**  
*(Please print legibly or type)*

Name: \_\_\_\_\_ Nickname (for badge): \_\_\_\_\_

Institution: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State/Province: \_\_\_\_\_ Zip/Postal Code: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-mail: \_\_\_\_\_

**REGISTRATION FEES**

Please indicate appropriate meeting registration fee below (U.S. Funds only). *Please make check payable to ENRS.*

\_\_\_\_\_ ENRS Member \$175.00

\_\_\_\_\_ Non-member \$350.00

\_\_\_\_\_ Fellow/Trainee \$100.00

\_\_\_\_\_ Spouse/Guest \$75.00

**Form of Payment**

\_\_\_\_\_ Check/Money Order

\_\_\_\_\_ Visa

\_\_\_\_\_ MasterCard

\_\_\_\_\_ American Express

Credit Card Number \_\_\_\_\_

Expiration Date \_\_\_\_\_ Signature \_\_\_\_\_

**Spouse/Guest Information**

Name of Spouse/Guests) Attending, (if applicable)

\_\_\_\_\_

I will attend: \_\_\_\_\_ Thursday Dinner (# attending \_\_\_\_\_ ; # children attending \_\_\_\_\_ ; age(s) \_\_\_\_\_ )

\_\_\_\_\_ Friday Reception/Dinner (# attending \_\_\_\_\_ ; # children attending \_\_\_\_\_ , age(s) \_\_\_\_\_ )

Dietary Restrictions: \_\_\_\_\_

**\*Please note:** Due to catering policies, the ENRS has been forced to implement a 3-day cancellation policy for the meeting dinners. If your plans change and you are unable to attend a dinner for which you had indicated attendance, you must inform Francine Hollowell at least 3 days prior to the dinner or you will be assessed the amount of the dinner(s).

**Fax** your completed registration form to **Francine Hollowell at (404) 712-7957**. Please be sure to indicate your Visa, MasterCard, or American Express information including your signature and card's expiration date. Or **mail** your completed registration form with a check payable to ENRS, to: **Francine L. Hollowell, ENRS Annual Meeting Coordinator, 2775 Jasmine Court, N.E., Atlanta, GA 30345**

**Eastern Neuroradiological Society**  
**22nd Annual Meeting, August 12-14, 2010**  
**Group Reservation Form**  
**Reservation Information**

Group Name: Eastern Neuroradiological Society

Guest Last Name \_\_\_\_\_ Title \_\_\_\_\_ First Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ ZIP \_\_\_\_\_ Country \_\_\_\_\_

Email \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_

Corporation \_\_\_\_\_ Title \_\_\_\_\_

Second person - Last Name \_\_\_\_\_ Title \_\_\_\_\_ First Name \_\_\_\_\_

Number of Adults \_\_\_\_\_ Arrival time \_\_\_\_\_ Departure \_\_\_\_\_

Number of Children \_\_\_\_\_ # of rooms \_\_\_\_\_

Room Type: Standard \_\_\_\_\_ King Bed \_\_\_\_\_ Two Double Beds \_\_\_\_\_

Non-Smoking \_\_\_\_\_ Smoking \_\_\_\_\_

Rate: \$295.00 (Group Rate available 3 days before and after the program dates based on availability)

Credit Card # \_\_\_\_\_ Expiration date \_\_\_\_\_

Transportation request \_\_\_\_\_

Transportation Confirmation # or name of Concierge if # pending \_\_\_\_\_

Arrival Flight \_\_\_\_\_ Time \_\_\_\_\_ Departure Flight \_\_\_\_\_ Departure from Hotel \_\_\_\_\_

Special Requests: \_\_\_\_\_

You may return the group reservation form

By e-mail to [reservations.was@fourseasons.com](mailto:reservations.was@fourseasons.com)

By fax to (202) 338-3674 or

By mail to: **Four Seasons Hotel, Washington D.C.**

Reservations Department

2800 Pennsylvania Avenue NW

Washington, D.C. 20007

We thank you in advance for your kind attention.

If you have questions, please feel free to call us directly at 202-944-2055.

We look forward to welcoming you in the near future.

