

# Southeastern Neuroradiological Society

*In joint sponsorship with  
Emory University School of Medicine*

**Thirty-Fifth Annual Meeting**  
October 20-22, 2011

The Breakers, Palm Beach, FL

Southeastern Neuroradiological Society  
Thirty-fifth Annual Meeting  
October 20-22, 2011  
The Breakers, Palm Beach, FL



Andrew Wagner  
President, SENRS

### Meeting Objectives

The goals of this meeting are to facilitate the exchange of ideas, concepts, and new updates in the field of Neuroradiology. At the conclusion of this meeting, participants will be able to: Assess the latest developments in interventional neuroradiology, diagnostic imaging of the spine, brain, head and neck and peripheral, nervous system in both children and adults.

### Designation Statement

The Emory University School of Medicine designates this live activity for a maximum of 14 AMA PRA Category 1 Credit(s)<sup>™</sup>. Physicians should only claim credit commensurate with the extent of their participation in the activity.

### 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 (ACCME) through the joint sponsorship of the Emory University School of Medicine and the Southeastern Neuroradiology Society. The Emory University School of Medicine is accredited by the ACCME to provide continuing medical education for physicians.

### 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 time of the meeting.





# Letter from the Program Chair

Dear Colleague:

The Annual Meeting of the Southeastern Neuroradiological Society will be held October 20-22, 2011 at The Breakers in Palm Beach, FL. Originally built in 1896, The Breakers is a one-of-a-kind destination that could not be replicated today.

The educational sessions will cover topics from general diagnostic to interventional neuroradiology all given by the foremost practitioners of the specialty in the region. There will be a continuation of the participatory theme lectures in the format so well received last year.

While the following description is not inclusive, it is intended to give one an idea of the depth and breadth of this year's outstanding lineup. ENT sessions will review nodal disease, SCCa, and present a MOC review of paranasal sinus pathology. Diagnostic brain imaging sessions will review topics from neonatal hypoxia to brain tumors in all age groups, as well as imaging and complications of HIV and current use of functional techniques to evaluate CNS perfusion. The interventional sessions will cover new strategies in acute stroke therapy, penumbra and thrombolysis, and review stent-assisted coiling. Neuroimaging of newer devices and complications in cervical spine surgery will be reviewed. Our invited speaker, Ashley Aiken, MD will be giving the State of the Art lecture on "Acute Comprehensive Stroke Imaging".

The acclaimed "Stump the SENRS Stars" session will challenge the expertise of teams of Neuroradiologists competing for the annual "Caput Astrum Award". This educational and informative session has rapidly become one of the more popular sessions of the meeting.

This year's SENRS meeting follows the Society's tradition of gathering in an elegant facility combined with a superb continuing medical educational program, festive evening dinners and socializing with our friends and families.

We are looking forward to a great meeting. Let's get together once more to have fun and share learning experiences!

Kathleen J. Helton, M.D.  
Vice President/Program Chair



# SENRS 2011 Program

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Thursday, October 20, 2011

11:30-12:45 Executive Committee  
Luncheon Meeting  
*South Mezzanine 3*

SENRS SCIENTIFIC SESSION 1 <i>Ponce de Leon 6</i>
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1:00-1:05 Welcome  
Kathleen Helton, M.D.

1:05-1:25 Novel Occupational Hazards in  
Radiology and Their Prevention:  
An Update  
Ilona Schmalfuss, M.D.

1:25-1:55 Stent-Assisted Coiling: A  
Comparison of the Enterprise  
and Neuroform Stents  
Mary E. Jensen, M.D.

1:55-2:20 Neuroimaging in HIV/AIDS  
Arun Krishan, M.D.

2:20-2:40 Perfusion Imaging in Patients  
with Intracranial Stenosis (ASL,  
Hypercapnic BOLD MR, and CTP)  
Megan Strother, M.D.

2:40-2:50 Group Discussion with the  
Presenters

2:50-3:20 Refreshment Break/Visit Exhibits  
*Ponce de Leon 5*

3:20-3:50 Top 5 Missed Head and Neck  
Diagnoses  
Deborah Shatzkes, M.D.

3:50-4:20 MOC Review, Paranasal Sinuses  
Deborah Shatzkes, M.D.

4:20-4:35 CT Guided Cordotomy  
Jack Fountain, M.D.

4:35-4:50 Stop! "Don't Touch" Lesions  
in Neuroimaging  
Chad Holder, M.D.

4:50-5:00 Group Discussion with Presenters

5:00-6:00 The 10th Annual Stump the  
SENRS Stars  
Cases by: Ilona Schmalfuss, M.D.

7:00-10:00 Welcome dinner (Registrants, Spouses, and Guests) <i>Ocean Gazebo</i>
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Friday, October 21, 2011

SENRS SCIENTIFIC SESSION 2 <i>Ponce de Leon 6</i>
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7:45-7:50 Announcements  
Kathleen Helton, M.D.

7:50-8:20 CNS-IRIS  
M. Judith Donovan Post, M.D.

8:20-8:40 Review of Current MRI Orbital  
Metal Screening Process: MOC  
Quality Improvement Project  
Dan Broderick, M.D.

8:40-8:55 Woodworkers' Cancer  
Tom Dina, M.D.

8:55-9:15 Imaging in the Management of  
Craniopharyngiomas  
Noah Sabin, M.D., J.D.

9:15-9:35 GBM: Current Challenges in  
Treatment and Imaging  
Steve DePrima, M.D.

9:35-9:55 Neuroimaging of Newer Devices  
and Complications in Cervical  
Spine Surgery  
Ryan Murtagh, M.D.

9:55-10:10 Metastatic Meningioma Presenting  
As Scalp Nodules  
Cari Buckingham, M.D.

10:10-10:15 Group Discussion with Presenters

10:15-10:45 Refreshment Break/Visit Exhibits  
*Ponce de Leon 5*

- 10:45–11:30 SENRS Invited Lecturer  
State of the Art: Acute  
Comprehensive Stroke Imaging  
Ashley Aiken, M.D.
- 11:30-12:00 Penumbra & Thrombolysis  
Ted Larson, M.D.
- 12:00-12:20 Nodal Disease in H & N Cancer:  
What in the World Are We Doing?  
Doug Phillips, M.D.
- 12:20-12:40 Neuroimaging of Acute Toxic and  
Metabolic Encephalopathies  
Armando Ruiz, M.D.
- 12:40-12:45 Group Discussion with Presenters
- 12:45-1:45 Business Meeting Luncheon  
(Members Only Please)  
*Ponce de Leon 3*

7:00-8:00 Wine and Cheese Reception  
(Registrants, Spouses, and Guests)  
*Magnolia Room*

8:00-10:00 Dinner  
*The Circle*

~~Saturday, October 22, 2011~~

SENRS SCIENTIFIC SESSION 3

*Ponce de Leon 6*

- 7:55-8:00 Announcements  
Kathleen Helton, M.D.
- 8:00-8:25 Morphologic Approach to White  
Matter Disease  
Jeff Creasy, M.D.
- 8:25-8:50 SCCa of the pharynx and oral cavity  
Wendy Smoker, M.D.
- 8:50-9:10 Comparing Segmented ASL Perfusion  
of Vascular Territories Using Manual  
vs. Semi-Automated Techniques in  
Children with Sickle Cell Anemia  
Kathleen Helton, M.D.
- 9:10-9:30 Impact of Sedation on Pediatric MR  
Brain Perfusion Imaging  
Julie Harreld, M.D.

- 9:30-9:50 Non-Interpretative Skills:  
Statistics and Ethics  
Mark Mullins, M.D.
- 9:50-10:10 Hippocampal Connectivity  
and MTS  
Ronald Quisling, M.D.
- 10:10-10:15 Group Discussion with Presenters
- 10:15-10:45 Refreshment Break/Visit Exhibits  
*Ponce de Leon 5*
- 10:45-11:05 Imaging Strategies for Endovascularly  
Treated Aneurysms  
Mary E. Jensen, M.D.
- 11:05-11:25 *Finding the Sweet Spot: Observations  
on What is Normal Cerebrospinal  
Fluid Pressure!?!???*  
Linda Gray, M.D.
- 11:25-11:45 New Strategies in Acute  
Stroke Therapy  
Mary E. Jensen, M.D.
- 11:45-12:15 Neonatal Hypoxic/Ischemic  
Encephalopathy  
Jeff Bennett, M.D.
- 12:15-12:35 Flow Diversion for the Treatment of  
Aneurysms: Game Changer or Just  
Another Game?  
David A. Miller, M.D.
- 12:35-12:55 The New Neuroanatomy, According  
to the Psychologists and Psychiatrists  
Who Are Working On This Stuff  
More Than We Are  
F. Reed Murtagh, M.D.
- 12:55-1:10 Single Operator Experience with the  
Penumbra Coil 400 System  
John Gaughen, M.D.
- 1:10-1:15 Group Discussion with Presenters
- 1:15 Conclusion of Meeting

## General Meeting Information

### **PALM BEACH:**

The Breakers is located in the heart of Palm Beach, FL, just six miles from the Palm Beach International Airport. The Breakers and Palm Beach offers a host of activities to suit every desire. You will find beaches and water activity, great shopping on Worth Avenue, fine dining, spa treatments, golf and more.

### **HOTEL INFORMATION:**

The Breakers is set amidst breathtaking beauty in a world-famous locale. The architecture is magnificent with opulent designs, while there is an ambiance of elegant refinement with sophisticated ease creating a comfortable, yet captivating, island resort experience.

### **ACTIVITIES:**

**Golf:** The Breakers Palm Beach features two 36 hole championship courses. There is the John Webster Golf Academy at the Breakers for those that would like lessons.

**Tennis:** The Breakers offers tennis clinics, game matching and private lessons with certified professionals. There are 10 Har-Tru tennis courts.



**Pool, beach, bungalows and cabanas:** The Beach Club provides complimentary umbrellas, chairs and towels. Private Beach Bungalows and Grand Cabanas with personalized concierge service are available for daytime rental. There are 5 heated, oceanfront pools, 4 whirlpool spas. Snorkeling and scuba diving lessons are available.

**The Spa at the Breakers:** The spa offers a variety of massages, wraps, exfoliating scrubs and skin care services, a nail salon, and ocean view fitness center.

**Fitness Center:** The Hotel Fitness Center is on a complimentary basis for hotel guests.

**Family Activities:** There is an interactive family entertaining center that is equipped with an arcade, craft area, toddlers playroom, children's movie room, video game room, new 1,000-gallon saltwater aquarium, books, board games, outdoor sports court, playground and more, including special events throughout the week-ends and holidays.







#### **Additional Activities:**

- Eco and botanical tours
- Child care
- Rainy day activities
- Bicycle rentals
- DVD library
- Croquet
- Historic hotel tour
- Water sports and more.

#### **ON-PROPERTY DINING:**

- **The Circle:** - ocean views and Renaissance murals complement a buffet or a la carte breakfast.
- **The Beach Club Restaurant** - breakfast, lunch and cocktails
- **The Ocean Grill** - lunch, dinner and cocktails
- **The Seafood bar** - lunch, dinner and cocktails
- **The Flagler Steakhouse** - lunch and dinner
- **The Italian Restaurant** - dinner
- **L'Escalier** - dinner
- **The Tapestry Bar** - afternoon tea in-season and cocktails
- **Echo** - dinner features flavors of China, Thailand, Japan and Vietnam, 3 blocks north of hotel



Southeastern  
Neuroradiological Society  
October 20-22, 2011  
The Breakers, Palm Beach, FL



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 SENRS.*

\_\_\_\_\_ SENRS Member \$150.00 (Spouse \$100)      \_\_\_\_\_ Non-member \$375.00 (Spouse \$100)

\_\_\_\_\_ Fellow/Trainee \$150.00 (Spouse \$100)

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: The SENRS has to pay for members and/or vendors indicating that they are going to be at the evening functions, and then either not showing, or canceling less than 3 days prior to the event. All catering services have a 3-day cancellation policy, or the group will be billed. Therefore, if you indicate that you will be at the evening functions, and do not adhere to the 3-day cancellation policy you will be assessed the amount of the dinners.*

Fax or mail your completed registration form to: 404-712-7957; Francine L. Hollowell, SENRS, 2775 Jasmine Ct, NE, Atlanta, GA 30345.

For any questions, please call Francine at 404-712-4583 or e-mail fhollow@emory.edu.



## ATTENTION ALL GOLFERS!!!!

For all you golfers that would like to play golf during your stay at "The Breakers" in Palm Beach, FL, it will be necessary to reserve tee times **NOW!!!!** Please check the form below and return it to me immediately! Should you decide to cancel once the reservations have been made, please notify me.

Soft spikes and collared shirts are required. Shorts are permitted, no denim.

Greens fee & cart is \$130.00/person – Breakers Ocean Course



Club Rental (Ladies Cobra and Men's Titleist) - \$80.00 18 holes; \$60.00 9 holes)

Cancellation policy - 72 hours prior to scheduled tee time. If you do not cancel your tee time 72 hours prior, you will be billed. Please circle the days that you would like tee times reserved and return this sheet to:

Mrs. Francine L. Hollowell, Executive Director  
Southeastern Neuroradiological Society  
2775 Jasmine Ct, NE  
Atlanta, GA 30345  
FAX (404) 712-7957  
fhollow@emory.edu

Wed. P.M.      Thurs. A.M.      Fri. P.M.      Sat. P.M.      Sun. A.M.      P.M.

Name(s): \_\_\_\_\_

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

Credit card #: \_\_\_\_\_

If American Express card please give CID # \_\_\_\_\_  
(4 digit number above last number of imprinted number on card).

Name as on card: \_\_\_\_\_

Exp. Date: \_\_\_\_\_

The Breakers, Palm Beach, FL  
The Southeastern Neuroradiological Society  
October 20 – 22, 2011

Arrival Date/Time: \_\_\_\_\_ Departure Date/Time: \_\_\_\_\_

Name: \_\_\_\_\_

Position: \_\_\_\_\_

# of adults: \_\_\_\_\_ (Additional adults above two (2) are \$50.00 each per day)

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

Company Name: \_\_\_\_\_ Telephone (day): \_\_\_\_\_ (evening): \_\_\_\_\_

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

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_ Country: \_\_\_\_\_

If you are sharing this room with other individuals, please indicate their names:

\_\_\_\_\_

Reservation requests must be received by September 4, 2011. Should the room block become full before or after September 4, 2011, reservations will be accepted on a space and rate availability basis. The group rates may be available from October 16 – October 25, 2011 based on availability. It is not uncommon for a group room block to become full prior to the stated cutoff date; therefore, we encourage you to make your reservations as early as possible.

**PLEASE SELECT FROM THE FOLLOWING ACCOMMODATIONS:**

- \_\_\_\_\_ Superior Room: \$230 (2 guests max., 300 sq ft.)  
\_\_\_\_\_ Deluxe Room: \$280 (400 sq ft., good for families)  
\_\_\_\_\_ Oceanfront Room: \$355 (step out balcony, 460 sq ft.)

- Please note that all rates are European Plan with no meals included in the rate.
- There is no additional charge for children 16 years of age and under staying in the same room with parents.
- Additional adults above two (2) are \$50.00 each per day.
- Suites may be available but are limited and are based on availability. Please call The Breakers directly for more information.
- 11% room tax not included.

Preferred Bedding – subject to availability: \_\_\_\_\_ King \_\_\_\_\_ Two Doubles

Please note that all guest rooms are now nonsmoking

# of children: \_\_\_\_\_ Name and ages of children: \_\_\_\_\_

Special Requests:

\_\_\_\_\_  
\_\_\_\_\_

We will make every effort to honor specific preferences such as location, connecting rooms, and bedding preferences, etc.; however, we reserve the right to provide alternate accommodations based upon availability.

Each room reservation must be guaranteed with a deposit equal to one (1) night's room rate based upon your preferred accommodations. **In the event you must cancel this reservation, kindly inform our Reservations Department at 1-888-BREAKERS at least 72 hours prior to your arrival date to avoid forfeiture of the deposit. Failure to arrive on the scheduled date will result in cancellation of your reservation and a forfeiture of your deposit.** Cancelled reservations may be reinstated based strictly upon availability. Failure to notify the hotel of an early departure prior to check-in will result in the loss of your deposit. Reservations can be made conveniently online through the following link: <https://resweb.passkey.com/go/SENRS11>. Should you prefer to make your reservations via phone, please identify yourself with The Southeastern Neuroradiological Society (code: SENRS11). The Reservations Department can be reached at 888-BREAKERS (273-2537).

Method of Guarantee:            Check \_\_\_\_\_            Amount Enclosed \$ \_\_\_\_\_

American Express \_\_\_\_\_            Diner's Club \_\_\_\_\_            Discover \_\_\_\_\_  
MasterCard \_\_\_\_\_            VISA \_\_\_\_\_

Credit Card #: \_\_\_\_\_            Exp. Date: \_\_\_\_\_            Security Code: \_\_\_\_\_

Signature: \_\_\_\_\_            Date: \_\_\_\_\_

Check-in time is after 4:00 p.m. and check-out time is 12:00 noon.

Failure to check-out by 12:30 p.m. results in an additional charge.

PLEASE SEND HOTEL RESERVATION REQUEST TO:

The Breakers  
Meeting Reservations  
One South County Road  
Palm Beach, FL 33480  
Phone #: 1-888-BREAKERS (1-888-273-2537)  
FAX #: (561) 655-3577







**2012 Meeting**  
Southeastern Neuroradiological Society  
In joint sponsorship with  
Emory University School of Medicine  
Thirty-sixth Annual meeting  
October 18-20, 2012  
Hammock Beach Resort, Palm Coast, FL

**2013 Meeting**  
Southeastern Neuroradiological Society  
In joint sponsorship with  
Emory University School of Medicine  
Thirty-seventh Annual meeting  
October 17-19, 2013  
The Ritz-Carlton, Naples, FL

