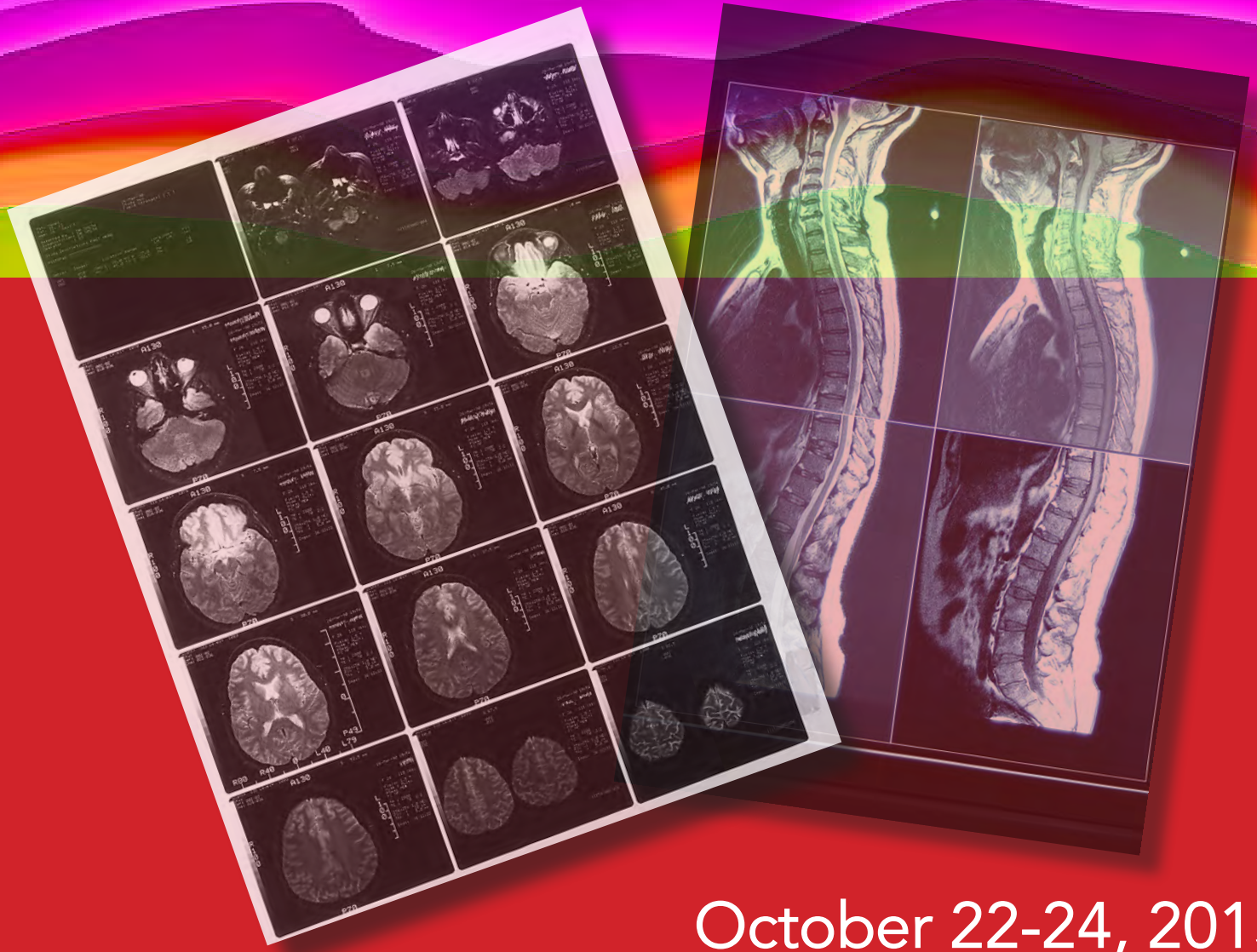


Thirty-ninth Annual Meeting

Southeastern Neuroradiological Society



In Joint Providership with IAHB



October 22-24, 2015
Four Seasons Resort
Palm Beach, Florida

Southeastern Neuroradiological Society Thirty-ninth Annual Meeting

October 22-24, 2015
Four Seasons Resort, Palm Beach, Florida

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, as well as in diagnostic imaging of the spine, brain, head and neck and peripheral nervous system in both children and adults.

Accreditation Statement

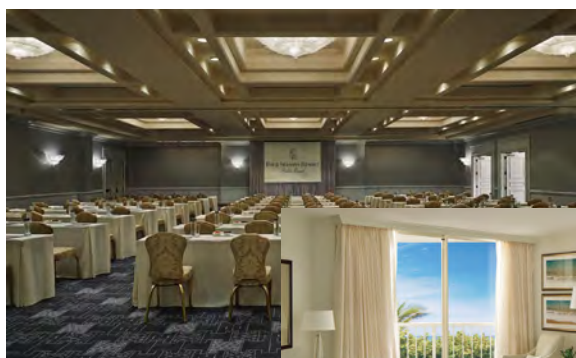
This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of the Institute for the Advancement of Human Behavior (IAHB) and the Southeastern Neuroradiological Society (SENRS). The IAHB is accredited by the ACCME to provide continuing medical education for physicians.

Credit Designation Statement

The IAHB designates this live activity for a maximum of 16.25 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Thank you to our Sponsor for Corporate Support

At the time of printing, a complete listing of corporate sponsors was not available.



Letter from the Program Chair

Dear colleagues and friends,

On behalf of the SENRS Executive Committee, it is my pleasure to invite you to the 39th annual meeting of the Southeastern Neuroradiological Society. The meeting will be held October 22nd through 24th, 2015 at the Four Seasons Hotel in Palm Beach, Florida.

The Four Seasons Hotel is a luxurious, oceanfront Resort that is immersed in tropical gardens. It offers a variety of complementary amenities including fresh muffins with coffee or tea early in the morning, popsicles, chilled towels and Evian spritz at the pool area, as well as a free car to transport you to and from local attractions on a first come basis. In addition, it has a full service spa, 24-hours accessible health club, on site tennis facilities and golfing opportunities nearby. With the Atlantic Ocean at the door steps, you and your family can enjoy a stroll on the white sand beach, a swim in the ocean or pool, or just simply relax while watching the surf close up. Wave runners, catamarans, stand-up paddle boards, kayaks as well as tubes, boogie boards and surfboards are available for the more active ones among us. Check out their website to discover interesting attractions close by and to see what is awaiting you! (<http://www.fourseasons.com/palmbeach/accommodations>)

Similarly rich is our educational program covering a wide range of topics in the field of Neuroradiology. As last year, we will offer SAM sessions with a total of 9 hours! This is an increase by 2.5 hours from last year. The SAM sessions will focus on Skull Base Imaging, Spine Interventions & Complications, Stroke Imaging & Interventions, and various Brain Imaging updates including Advanced Imaging techniques and their applications. BIG thanks to all speakers who volunteered to prepare those SAM sessions – we could not do it without YOU!

For the first time, we will have a dedicated session for “Scientific oral presentations”. We will also accept abstract submissions for poster displays (4 x 4 feet) as scientific or educational exhibits. We hope to have many of you as well as your residents and fellows submit abstracts for both categories. The deadline for abstract submission is July 15, 2015. Of course, we will continue with our two favorite traditions: Dr. Deborah Shatzkes has been selected as the keynote speaker and will be discussing the different patterns of orbital diseases. The 14th “Stump the SENRS Stars” challenge will be presented by Dr. Michael Lubarsky, the captain of the last year’s winning team. Teams get ready to compete for the “Caput Astrum” award!



Chad Holder
President



Ilona Schmalfuss
V.P., Program Chair

The social program will include dinners on Thursday and Friday night. Thursday evening will be along the poolside overlooking the beach during sunset. You do not want to miss that one!

Please join us for the 39th SENRS annual meeting at the Four Seasons Resort in Palm Beach, Florida. Enjoy the great educational program and fulfill your SAM requirements for the Maintenance of Certification (MOC) at the same time. Bring your family for an amazing beach experience and see your old friends and make many new ones!

Ilona Schmalfuss, M.D.
Vice President/Program Chair

SENRS 2015 Preliminary Program

Thursday, October 22, 2015

11:30-12:40 Executive Committee
Luncheon Meeting
Location: Executive Board Room

SCIENTIFIC SESSION 1 – ENT Radiology
Location: Royal Poinciana I

12:45-12:50 Welcome – Ilona Schmalfluss, M.D.
12:50-2:50 Skull Base Imaging - SAM Session (= 2 SAM hours):
12:50-1:20 Conductive Hearing Loss
Neha Patel, M.D.
1:20-1:50 Sensorineural Hearing Loss
Richard Beegle, M.D.
1:50-2:20 Infectious and Inflammatory Disease of the Temporal Bone and Skull Base
C. Douglas Phillips, M.D., FACR
2:20-2:50 Neoplastic Lesions of the Skull Base
Natalya Nagornaya, M.D.
2:50-3:00 Q & A
3:00-3:25 Break
Location: Royal Poinciana II

SCIENTIFIC SESSION 2 – Spine Radiology
Location: Royal Poinciana I

3:25-4:55 Spine Interventions & Complications - SAM Session (= 1.5 SAM hours):
3:25-3:40 Spine Puncture Complications
Andrew Wagner, M.D.
3:40-4:10 Cerebrospinal Fluid Leaks Requiring Surgery: When are “Hot Lights and Cold Steel” Required?
Linda Gray Leite, M.D.
4:10-4:25 Role of Neurography in Lumbar Spine Surgery
Ryan Murtagh, M.D.
4:25-4:55 Tales from the Crypt: When Vertebral Augmentation Goes Very Wrong
Mary E. Jensen, M.D.
4:55-5:10 Vertebroplasty vs Kyphoplasty: A Randomized Controlled Trial
Avery Evans, M.D.

5:10-5:15 Q & A

5:15-6:15 The 14th Annual Stump the SENRS Stars
Presenter: Michael Lubarsky, M.D.

7:00 -10:00 Welcome Dinner
Location: Pool Terrace

Friday, October 23, 2015

7:40-7:45 Announcements – Ilona Schmalfluss, M.D.

SCIENTIFIC SESSION 3
Interventional Neuroradiology
Location: Royal Poinciana I

7:45-9:15 Stroke Imaging & Intervention - SAM Session (= 1.5 SAM hours):
7:45-8:15 Important Concepts of Cervical Vascular Ultrasound and Their CTA/MRA Correlation
Kardelina Diaz, M.D.
8:15-8:45 Cleaning Up the Data: Implications of Mr. Clean Trial for Interventional Stroke Therapy
David Miller, M.D.
8:45-9:15 Impact of Stentriever Technology on Treatment of Large Vessel Occlusion Stroke
Mary E. Jensen, M.D.
9:15-9:45 Scientific Paper Presentations (3 x 10 min) – does not qualify for CME credit
9:45-9:55 Q & A
9:55-10:30 Break
Location: Royal Poinciana II

SCIENTIFIC SESSION 4
ENT Radiology and Politics & Economics
Location: Royal Poinciana I

10:30-11:15 *Key Note Speaker:* Pattern of Orbital Disease
Deborah Shatzkes, M.D.
11:15-11:35 Imaging for Transoral Robotic Surgery
Sugoto Mukherjee, M.D.
11:35-11:55 Imaging of Parotid Masses
Sandip Patel, M.D.

SENRS 2015 Preliminary Program, cont'd.

11:55-12:15 A New Approach to Neuroradiology Education: Combining Educational Theory and Technology
Jeff Bennett, M.D.

12:15-12:35 Where Does the Radiologist Need to Be in the Newer Healthcare Models?
Joseph Sullivan, M.D.

12:35-12:55 ACR & Economics Update
Christopher Ullrich, M.D.

12:55-1:05 Q & A

1:05-2:00 **Business Meeting (Members Only)**
Location: Royal Poinciana III

7:00-10:00 **Reception & Dinner**
Location Reception: Living Room
Location Dinner: Royal Poinciana III

Saturday, October 24, 2015

7:40-7:45 Announcements – Ilona Schmalfluss, M.D.

SCIENTIFIC SESSION 5
Advanced Imaging & Applications
Location: Royal Poinciana I

7:45-9:45 **Advanced Imaging & Applications SAM Session (= 1.5 SAM hours):**

7:45-8:15 Quantitative MRSI to Predict Early Response to HDACi Therapy in GBM Management
Chad Holder, M.D.

8:15-8:45 Dysfunctional MRI: Lessons in Responsible Use of MRI
Erik Middlebrooks, M.D.

8:45-9:15 Structural and Functional Neuroimaging of Diabetes-Related Cognitive Impairment
Jason Allen, M.D.

9:15-9:40 Diffusion Kurtosis Imaging in the Evaluation of the Brain Gray Matter Structures in Adults Perinatally Infected with HIV
M. Judith Donovan Post, M.D.

9:40-9:55 Complications of Deep Brain Stimulation Electrode Placement: A 2 year Follow-Up
Mehul Desai, M.D.

9:55-10:05 Q & A

10:05-10:30 **Break**
Location: Royal Poinciana II

SCIENTIFIC SESSION 6 - Brain Imaging
Location: Royal Poinciana I

10:30-12:00 **Important Updates in Brain Imaging - SAM Session (= 2.5 SAM hours)**

10:30-11:00 Seizure Imaging
Mark Mullins, M.D.

11:00-11:20 Susac Syndrome
Daniel Broderick, M.D.

11:20-11:40 Imaging of Idiopathic Intracranial Hypertension
Amit Saindane, M.D.

11:40-12:00 Spontaneous Intracranial Hypotension: An Imaging Diagnosis
John Holbrook, M.D.

12:00-12:20 Diagnosis of Central Incisural Herniation
Ronald Quisling, M.D.

12:20-12:40 Quantitative Image Analysis of Lower Grade Gliomas in The Cancer Genome Atlas Database
Scott Hwang, M.D.

12:40-1:00 Brain MR Guided Laser Interstitial Thermal Ablation Therapy: How and When
Armando Ruiz, M.D.

1:00-1:20 Chronic Transfusion Therapy on MRI and MRA in Children with Sickle Cell Anemia at Risk for Primary Stroke: Baseline Imaging Findings from the TWiTCH Trial
Kathleen Helton, M.D.

1:20-1:40 Cannabis, Reversible Cerebral Vasoconstriction Syndrome, and Cerebral Hemorrhage
Ted Larson,, M.D.

1:40-1:50 Q & A

1:50-2:00 Closing Remarks - Ilona Schmalfluss, M.D.

General Meeting Info

FOUR SEASONS RESORT PALM BEACH, FLORIDA

HOTEL INFORMATION

The hotel is located approximately 15 minutes from the Palm Beach International Airport on one of South Florida's finest sun-splashed beaches. Four Seasons Resort Palm Beach offers an endless selection of activities.

For onsite activities there is a complimentary fitness center, new spa, ocean-side pool and whirlpool, wonderful beach for sunbathing or beach activities, 2 Har-Tru tennis courts, bicycle rentals, beach volleyball, cooking classes and more.

Discover the hidden treasures throughout the hotel by reading the self guided Art & Artifacts Tour available at the concierge desk.

GOLF

Championship Golf Courses are nearby. There are many to choose from. The Concierge will be able to help you decide on a course. Below are some of your choices:

Bear Lakes Country Club (\$125-\$150/player green fees and cart)

Emerald Dunes Country Club ((\$250 per unaccompanied player) (Ask about Caddy fees)

The Falls Country Club (\$200/player; include caddy and cart)

Palm Beach Par 3 (\$27-\$40; cart \$15/player)

Atlantis Country Club (\$135)

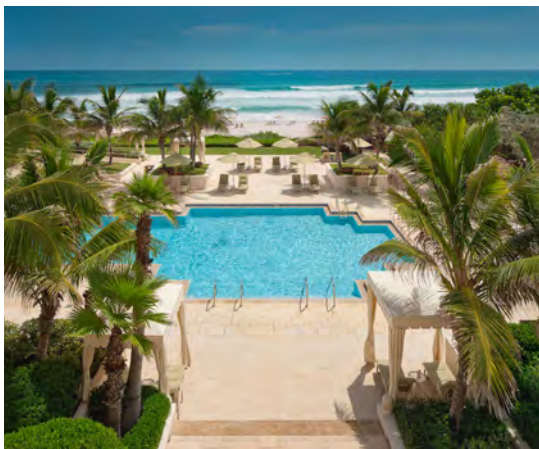
The Breakers Ocean Course (\$250/player)

The Breakers Rees Jones (\$215/player)

PGA National Championship Course \$270 + tax per player



All of the other PGA courses are \$170 + tax per player. Golf Club rentals are \$85 per set. If there are over 10 golfers requiring rentals, the price is reduced to \$50 per set.



OUTDOOR ACTIVITIES

There is a heated freshwater outdoor pool, 2 Har-Tru tennis courts and pro shop, water sports activities are available including: windsurfing, kayaking, sailing, waverunners and snorkeling. Bicycle rentals and beach volleyball are available.

Deep sea fishing, parasailing, kites, and skydiving are all available.

Sawgrass Recreational Park has airboat rides, a replica of an 18th century Seminole Indian Village, Alligator and Reptile Exhibit, Birds of Prey Exhibit. Guides are available for bus trip.

DINING AT FOUR SEASONS RESORT

The Restaurant offers award-winning Southeastern Regional cuisine in elegant surrounds. There is a pianist that entertains nightly.

The Champagne Bar is nestled at one end of The Restaurant that has an array of fine champagnes that are paired with complimentary assortment of hors d'oeuvres.

The Ocean Bistro is a casual tropical gourmet dining room that overlooks the pool and the ocean. The Ocean Bistro serves Mediterranean cuisine.



The Atlantic Bar and Grill is casual patio dining overlooking the ocean. They offer an imaginative menu featuring traditional poolside favorites and tropical drinks.

The Living Room is a luxurious lobby lounge serving cocktails during the afternoon and evenings along with specialty hors d'oeuvres.

KIDS

Children 3-12 years old are welcome to join in on arts, crafts, and games offered in the Kids Club. The Kids Club is open from 9:00 a.m. until 5:00 p.m. Friday through Sunday and from 9:00 a.m. until 5:00 p.m. on Monday, Tuesday and Thursday. (Closed on Wednesdays).

Teens Lounge: Teenage guests can relax in the Teen's Lounge which offers X-Box 360, games and television. Open daily from 9:00 a.m. to 9:00 p.m.



COOKING DEMONSTRATIONS

The Pastry Chef will highlight favorite desserts which are sure to please. The Chef will feature bite-sized treats which use local fruits and seasonal ingredients. Who knows: Maybe some surprise herbs from Four Seasons Resort Palm Beach's 'Herb Garden' will find their way into these sweet treats!

Elegant Appetizers and Amuse Bouche

Learn how to prepare and make basic, yet elegant, appetizers that will surely impress your guests. Learn tips on presentation height and design, and the importance of garnish in appetizer presentation.

Coastal Cooking

This cooking demonstration will take a look at local products that are used in everyday cooking. Watch our Chef's work with fresh local seafood, garden fresh herbs and locally grown fruits to produce exciting and flavorful dishes!

Grillin' and Chillin' (Outdoor Location)

This demonstration is intended to create an awareness of the Art of Barbecue. It will include a brief discussion on equipment, fuels, flavoring and safety techniques. The demonstration will also discuss food items that hit the grill, from regular and routine to the exotic and unique!

A Lite Affair

Charmed by The Spa and its ability to sooth the senses, our Chef's will create a menu for you which will do just that! With inspiration gathered from our Gardens, we will focus on the taste, visual stimulation, aromatic qualities and textures of certain foods.

Mixology (With Restaurant Manager)

Learn from our Beverage team what goes into making a signature drink, then experiment and develop your own. We will help you document each recipe, so you can impress your friends at your next gathering.

MUSEUMS

Henry Morrison Flagler Museum; The Norton Museum of Art, Society of the Four Arts, The Morikami Museum and Japanese Garden, Classic Antique Cars.

TOURS

Segway Island Tours, Helicopter Tours, Everglades Airboat Tours, Historic Tours of Palm Beach, Lunch and Tour of Mar-A-Lago.



SPA

Full service Spa with additional oceanside services in a private, outdoor cabana. Pamper yourself with a manicure, pedicure, hairstyling, or facial. Try the sauna, steam room, whirlpool, or massage. The spa is open 7 days a week from 6:00 a.m. until 8:00 p.m.

SHOPPING

Worth Avenue, City Place, The Gardens of the Palm Beaches, The Mall at Wellington Green

**Southeastern Neuroradiological Society
Thirty-ninth Annual Meeting**

October 22-24, 2015

Four Seasons Resort, Palm Beach, Florida

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). **YOU MAY NOW PAY YOUR REGISTRATION FEE(S) ONLINE** at <http://senrs.net/payonline>. Please e-mail registration form to fhollow@emory.edu

_____ SENRS Member \$ 250.00 (Spouse \$200) _____ Non-member \$375.00 (Spouse \$200)

_____ Fellow/Trainee \$ 200.00 (Spouse \$200) _____ Vendor (N/C)

Spouse/Guest Information: _____

Name of Spouse/Guest Attending, (if applicable) _____

I will attend: _____ Thursday Dinner: (# adults attending; _____ # children attending _____ age(s) _____)

_____ Friday Reception/Dinner: (# adults attending; _____ # children attending _____ age(s) _____)

Business Luncheon meeting (members only) _____

Dietary Restrictions: _____

***Please note: The SENRS has to pay for members and/or vendors indicating that they were 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.**

Email your completed registration form to fhollow@emory.edu.

For any questions, please email or call Francine, at: (678) 471-3692 phone; 678-802-6261 FAX



FOUR SEASONS RESORT

Palm Beach

ROOM RESERVATION FORM

2800 South Ocean Boulevard, Palm Beach, Florida

www.fourseasons.com/palmbeach

Group Name: **The Southeastern Neuroradiological Society Annual Meeting**

Run of House Rooms at the rate of \$275.00 per night, plus 12% tax, two nights deposit at the time of booking with seven days cancellation policy.

Guest Name: _____

Arrival Date: _____ Departure Date: _____

Estimated Time of Arrival: _____

Address: _____

City/State/Zip Code: _____

E-Mail Address: _____

Telephone Number: (_____) _____

Credit Card Type: _____ Exp. Date: _____

Credit Card Number: _____

Signature: _____

(Reservation not valid without signature)

Will you be bringing any children? Yes No

If yes, Names/Ages: _____

SPECIAL REQUESTS: _____

Other: _____

(i.e. foam pillows, crib etc.)

*THE FOUR SEASONS RESORT PALM BEACH WILL MAKE EVERY ATTEMPT TO MEET YOUR ACCOMMODATION REQUESTS

- Check in time is 4:00PM, and check out time is 12:00PM.
- Written confirmation of your reservation will be sent by the Four Seasons Resort Palm Beach to the requested email address above.
- Cancellation must be received 14 days prior to arrival date in order to avoid two (2) night's room and tax cancellation fee of two (2) night's room rate.

Fax to: Reservations 561-547-1557

For your security, we are asking you to FAX us this copy back.

Please do not email it to the Reservations Department.

Thank you.

2016 Meeting

Southeastern Neuroradiological Society
Fortieth Annual Meeting

OCTOBER 20-22, 2016

THE GREENBRIER
WHITE SULPHUR SPRINGS, W. VA.



2017 Meeting

Southeastern Neuroradiological Society
Forty-first Annual Meeting

OCTOBER 19-21, 2017