

19TH ANNUAL INTERNATIONAL

BOSTON AF SYMPOSIUM

**We're
Moving!**

JOIN US in 2014

at the Orlando World Center Marriott
Orlando, Florida

ATRIAL FIBRILLATION

MECHANISMS AND NEW DIRECTIONS IN THERAPY

JANUARY 9 – 11, 2014

Orlando World Center Marriott, Orlando, FL

A CME Symposium

Jointly sponsored by/co-provided by

Postgraduate Institute for Medicine and AEI - Advanced Medical Education

Endorsed by the Heart Rhythm Society

COURSE DIRECTORS

Jeremy Ruskin, MD
Moussa Mansour, MD
David Keane, MD, PhD
Pierre Jais, MD
Vivek Reddy, MD

SCIENTIFIC PROGRAM

Registration: Wednesday, January 8, 2014, 12 Noon - 6:30 PM.
All day Thursday, January 9, Friday, January 10 and Saturday, January 11 starting at 6:30 AM.

Exhibit Floor: Open Thursday, January 9 and Friday, January 10, 9:00 AM - 5:00 PM. Open Saturday, January 11, 9:00 AM - 1:00 PM.

THURSDAY, JANUARY 9, 2014 Morning Scientific Session 7:20 AM - 12:25 PM

7:20 - 7:30 AM

Welcome and Overview of the Symposium

Jeremy Ruskin, MD

7:30 - 9:20 AM

Mechanisms of Atrial Fibrillation – Basic and Clinical Insights

(All talks 20 min. unless specified)

Moderator: Stanley Nattel, MD

New Insights Into Mechanisms Underlying Focal Atrial Ectopic Firing in Paroxysmal AF
Stanley Nattel, MD

Atrial Remodeling and the Transition From Paroxysmal to Persistent AF
Jose Jalife, MD

Mechanistic Insights From Noninvasive Mapping of AF – Implications for Catheter Ablation
Michel Haissaguerre, MD

Cellular Remodeling and Spatial Mapping of Human AF (10 min.)
Sanjiv Narayan, MD, PhD

Rotors in AF - Basic Mechanisms
Jose Jalife, MD

Panel & Audience Discussion (20 min.): All Faculty

9:20 - 9:35 AM

Advances in the Genetics of Atrial Fibrillation
Patrick Ellinor, MD, PhD

9:35 - 10:05 AM

Break and Exhibits

10:05 - 11:55 AM

Challenging Cases in AF Management - Antiarrhythmic Drugs, Anticoagulation, and Clinical Decision Making: Panel and Audience Discussion
(10 min. Per Case)

Moderator: Jeremy Ruskin, MD

Panel: John Camm, MD, Hans Kottkamp, MD, Peter Kowey, MD, Eric Prystowsky, MD

11:55 - 12:25 PM

Best Basic Science Papers On AF for 2013 (30 min.)
Stanley Nattel, MD

12:25 - 1:55 PM

Lunch and Exhibits

THURSDAY, JANUARY 9, 2014 Afternoon Scientific Session 1:55 PM - 6:40 PM

1:55 - 2:25 PM

Best Clinical Science Papers on AF for 2013 (30 min.)
John Camm, MD

2:25 - 4:45 PM

Inflammation and Fibrosis in Atrial Fibrillation: Cell to Bedside
(All talks 15 min.)

Moderators: Hans Kottkamp, MD and David Van Wagoner, PhD

Inflammatory Cytokines and Oxidative Stress in the Development and Progression AF
David Van Wagoner, PhD

Obesity, Inflammation and Atrial Fibrillation
David Wilber, MD

Alternative Therapies for Atrial Fibrillation
Eric Prystowsky, MD

Basic Mechanisms of Atrial Structural Remodeling in Atrial Fibrillation
Stanley Nattel, MD

Fibrotic Atrial Cardiomyopathy – Implications for Catheter Ablation of AF
Hans Kottkamp, MD

The Ablation Lesion or the Atrial Disease? Lessons Learned from DECAAF
Nassir Marrouche, MD

Searching for the Holy Grail: Upstream Therapy to Prevent AF Progression
Jose Jalife, MD

Panel and Audience Discussion (35 min.): All Faculty

4:45 - 5:00 PM – Break

5:00 - 5:40 PM

Screening for Atrial Fibrillation
(All talks 15 min.)

Moderator: John Camm, MD

Screening for Atrial Fibrillation – Rationale, Methods and Results
John Camm, MD

ASSERT and REVEAL-AF Trials
Peter Kowey, MD

Audience Q&A (10 min.): All Faculty

5:40 - 6:40 PM

Quality and Safety in the Interventional EP Lab
(All talks 15 min.)

Moderator: Douglas Packer, MD

Complications Associated With Catheter Ablation for AF – Overview 2014
David Keane, MD, PhD

Avoiding Complications During AF Ablation
Frank Marchlinski, MD

Quality and Performance Measures for AF Ablation
Douglas Packer, MD

Audience Q&A (15 min.)

6:40 PM – Adjourn

FRIDAY, JANUARY 10, 2014 Morning Scientific Session 7:30 AM - 12:30 PM

6:30 - 7:30 AM – Continental Breakfast

7:30 AM - 12:30 PM

Satellite Case Presentations

Moderator: Jeremy Ruskin, MD and Moussa Mansour, MD

Panel: Pierre Jais, MD, Douglas Packer, MD, Hans Kottkamp, MD, Andrea Natale, MD, David Wilber, MD

Radiation Reduction Strategies During Catheter Ablation of AF
Faculty: Kevin Heist, MD, PhD and Moussa Mansour, MD
Massachusetts General Hospital, Boston, MA

Renal Denervation and Pulmonary Vein Isolation for PAF
Faculty: Evgeny Pokushalov, MD, PhD
State Research Institute of Circulation Pathology, Novosibirsk, Russia

Thermal Balloon Ablation for Paroxysmal AF
Faculty: David Haines, MD
William Beaumont Hospital, Royal Oak, MI

Catheter Ablation of Persistent AF Guided By Noninvasive Mapping
Faculty: Meleze Hocini, MD, Michel Haissaguerre, MD and Pierre Jais, MD, Centre Hospitalier Universitaire De Bordeaux, Bordeaux, France

Hybrid Thoracoscopic Surgical and Catheter Ablation of Persistent AF
Faculty: Mark La Meir, MD, PhD and Laurent Pison, MD
Maastricht University Medical Center, Maastricht, Netherlands

Individualized Cryoballoon Ablation for PAF: the ICE T Concept
Faculty: Boris Schmidt, MD and KR Julian Chun, MD
Cardioangiologisches Centrum Bethanien, Frankfurt, Germany

Left Atrial Appendage Closure
Faculty: Claudio Tondo, MD, PhD, Gaetano Fassini, MD and Antonio Bartorelli, MD, Centro Cardiologico Monzino, University of Milan, Milan, Italy

12:30 - 2:00 PM
Lunch and Exhibits

SCIENTIFIC PROGRAM

FRIDAY, JANUARY 10, 2014 Afternoon Scientific Session 2:00 - 6:50 PM

2:00 - 4:20 PM

Stroke Prevention in Atrial Fibrillation

(All talks 15 min. unless otherwise specified)

Moderator: Daniel Singer, MD

Current Status of New Anticoagulants for Stroke Prevention in AF in 2014 (20 min.)
Daniel Singer, MD

Special Populations: Renal Insufficiency; Coronary Disease/ Stents; Elderly; Diabetes; Peri-Surgical Use
Peter Kowey, MD

Peri-Procedural Stroke and Silent Cerebral Ischemia – Strategies for Prevention
Andrea Natale, MD

Impact of Catheter Ablation for AF On Long Term Stroke Risk and Mortality
Shih-Ann Chen, MD

Left Atrial Appendage Morphology and Stroke Risk in AF
Luigi Di Biase, MD, PhD

Left Atrial Appendage Closure Devices for Stroke Prevention
Moussa Mansour, MD

Comparison and Critique of Current Guidelines for Stroke Prevention in AF
Albert Waldo, MD

*Panel and Audience Discussion:
All Faculty (30 min.)*

4:20 - 4:40 PM
Break and Exhibits

4:40 - 6:50 PM
Clinical Trials, Guidelines and Regulatory Issues in AF Ablation
(All talks 10 min.)

Moderator: Hugh Calkins, MD

Device Registration Trials for AF Ablation: 2014 Update
Hugh Calkins, MD

CABANA and EAST Updates 2014
Douglas Packer, MD

Chinese Atrial Fibrillation Registry (CAFR): Real-World Data From China
Chang Sheng Ma, MD

Current Clinical Trials and Registries in Atrial Fibrillation
Peter Kowey, MD

FDA Data Requirements for New Features and Second Generation Ablation Systems
Feliipe Aguel, PhD

Role of Sponsor-Investigator Data in Regulatory Decision-Making for Cardiac Ablation Devices
Jun Dong, MD, PhD

Investigator Experience with IDEs for Sponsor-Investigator Studies
Vivek Reddy, MD

Indications for AF Ablation: Guidelines vs. Clinical Reality
Hugh Calkins, MD

*Panel and Audience Discussion
(30 min.): All Faculty*

6:50 PM – Adjourn

SATURDAY, JANUARY 11, 2014 Morning Scientific Session 7:30 - 11:55 AM

6:30 - 7:30 AM –
Continental Breakfast

7:30 - 9:15 AM

Advances in Mapping of AF: Insights Into Mechanisms and Implications for Ablation
(All talks 15 min.)

Moderator: David Wilber, MD

Advances in and Limitations of Noninvasive Mapping of AF
Phillip Cuculich, MD

Body Surface Mapping of Persistent AF
Karl-Heinz Kuck, MD

Role of Non-Fluoroscopic Systems in Mapping and Ablation of AF
Carlo Pappone, MD, PhD

Mechanisms of Post-Ablation Recurrent AF Revealed By Contact Mapping
Sanjiv Narayan, MD, PhD

What Is the True Rate of Non-PV Triggers?
Vivek Reddy, MD

*Panel and Audience Discussion
(30 min.): All Faculty*

9:15 - 9:45 AM
Break and Exhibits

9:45 - 11:55 AM

Persistent Atrial Fibrillation - Advances in Catheter Ablation
(All talks 20 min.)

Moderator: Pierre Jais, MD

Strategies for Catheter Ablation and Outcome Assessment in Persistent and Longstanding Persistent AF – What Matters?
Douglas Packer, MD

Bordeaux Approach to Ablation of Persistent AF: Techniques and Results
Pierre Jais, MD

Empiric Targets in Catheter Ablation of Persistent AF
Andre d'Avila, MD, PhD

The 2C3L Approach for Catheter Ablation of Persistent AF – Results From A Prospective Randomized Controlled Trial
Chang Sheng Ma, MD

How to Prevent Macroreentrant AT After Catheter Ablation of Persistent AF
Young-Hoon Kim, MD, PhD

*Panel and Audience Discussion
(30 min.): All Faculty*

11:55 - 12:40 PM
Lunch and Exhibits

SATURDAY, JANUARY 11, 2014 Afternoon Scientific Session 12:40 - 5:15 PM

12:40 - 3:10 PM
New Technologies for Catheter Ablation of Paroxysmal and Persistent Atrial Fibrillation
(All talks 15 min.)

Moderator: Moussa Mansour, MD

Advantages and Limitations of Balloon-Based Technologies for AF Ablation
Karl-Heinz Kuck, MD

Left Atrial Appendage Ligation and Ablation for AF (LAALA-AF Registry)
Dhanunjaya Lakkireddy, MD

Role of Force Sensing in Catheter Ablation for AF
Moussa Mansour, MD

Real-Time MRI Guided Catheter Ablation: Technical Challenges and Solutions
Nassir Marrouche, MD

Renal Denervation for AF – Physiology, Mechanisms of Action and Rationale in AF
Vivek Reddy, MD

New Device Strategy for Global LA Mapping and Ablation of AF Triggers and Substrate
Hans Kottkamp, MD

Collimated Ultrasound System for Real-Time LA Imaging and Linear Lesion Creation
Vivek Reddy, MD

Catheter Based Atrial Biopsy: Techniques, Technologies and Potential Indications
Gerhard Hindricks, MD

*Panel & Audience Discussion
(30 min.): All Faculty*

3:10 - 3:15 PM
Ice Cream Break

3:15 - 5:15 PM

Challenging Cases in AF Ablation: Panel and Audience Discussion
(10 min. per case)

Moderator: David Keane, MD, PhD
Panel: Young-Hoon Kim, MD, PhD, Moussa Mansour, MD, Francis Marchlinski, MD, Andrea Natale, MD, Douglas Packer, MD, Vivek Reddy, MD

5:15 PM – Adjourn

FACULTY

Felipe Aguel, PhD	US Food and Drug Administration, Silver Spring, MD
Antonio Bartorelli, MD	Centro Cardiologico Monzino-University of Milan, Milan, Italy
Hugh Calkins, MD	Johns Hopkins Hospital, Baltimore, MD
A. John Camm, MD	St. George's Hospital Medical School, London, UK
Shih-Ann Chen, MD	Veterans General Hospital, Taipei, Taiwan
KR Julian Chun, MD	Cardioangiologisches Centrum Bethanien, Frankfurt, Germany
Phillip Cuculich, MD	Washington University School of Medicine, St. Louis, MO
Andre d'Avila, MD, PhD	Mount Sinai School of Medicine, New York, NY
Luigi Di Biase, MD, PhD	Albert Einstein College of Medicine, Bronx, NY
Jun Dong, MD, PhD	US Food and Drug Administration, Silver Spring, MD
Patrick Ellinor, MD, PhD	Massachusetts General Hospital, Boston, MA
Gaetano Fassini, MD	Centro Cardiologico Monzino-University of Milan, Milan, Italy
David Haines, MD	William Beaumont Hospital, Royal Oak, MI
Michel Haissaguere, MD	Central Hospital University of Bordeaux, Bordeaux, France
Kevin Heist, MD, PhD	Massachusetts General Hospital, Boston, MA
Gerhard Hindricks, MD	University of Leipzig, Leipzig, Germany
Meleze Hocini, MD	Central Hospital University of Bordeaux, Bordeaux, France
Pierre Jais, MD	Central Hospital University of Bordeaux, Bordeaux, France
Jose Jalife, MD	University of Michigan, Ann Arbor, MI
David Keane, MD, PhD	St Vincent's University Hospital, Dublin, Ireland
Young-Hoon Kim, MD, PhD	Korea University Medical Center, Seoul, Korea
Hans Kottkamp, MD	Heart Center Hirlanden, Zurich, Switzerland
Peter Kowey, MD	Lankenau Hospital, Wynnewood, PA
Karl-Heinz Kuck, MD	St. George Hospital, Hamburg, Germany
Dhanunjaya Lakkireddy, MD	University of Kansas Hospital, Kansas City, KS
Mark La Meir, MD, PhD	Maastricht University Medical Center, Maastricht, Netherlands
Chang Sheng Ma, MD	Beijing Anzhen Hospital, Capital Medical University, Beijing, China
Moussa Mansour, MD	Massachusetts General Hospital, Boston, MA
Francis Marchlinski, MD	University of Pennsylvania, Philadelphia, PA
Nassir Marrouche, MD	University of Utah Health Sciences Center, Salt Lake City, UT
Sanjiv Narayan, MD, PhD	University of California, San Diego, San Diego, CA
Andrea Natale, MD	Texas Cardiac Arrhythmia Institute, Austin, TX
Stanley Nattel, MD	University of Montreal, Montreal, Canada
Douglas Packer, MD	Mayo Clinic, Rochester, MN
Carlo Pappone, MD, PhD	Maria Cecilia Hospital, Cotignola, Italy
Laurent Pison, MD	Maastricht University Medical Center, Maastricht, Netherlands
Evgeny Pokushalov, MD, PhD	State Research Institute of Circulation Pathology, Novosibirsk, Russia
Eric Prystowsky, MD	The Care Group, Indianapolis, IN
Vivek Reddy, MD	Mount Sinai School of Medicine, New York, NY
Jeremy Ruskin, MD	Massachusetts General Hospital, Boston, MA
Boris Schmidt, MD	Cardioangiologisches Centrum Bethanien, Frankfurt, Germany
Daniel Singer, MD	Massachusetts General Hospital, Boston, MA
Claudio Tondo, MD, PhD	Centro Cardiologico Monzino-University of Milan, Milan, Italy
David Van Wagoner, PhD	Cleveland Clinic, Cleveland, OH
Albert Waldo, MD	Case Western Reserve University, Cleveland, OH
David Wilber, MD	Loyola University Medical Center, Chicago, IL

GENERAL INFORMATION

A statement of credit will be issued only upon receipt of a completed activity evaluation form and will be emailed to you within 3 weeks.

CONFERENCE FEE

REGISTRATION FEES	
Physician	\$995.00
Resident, Fellow, PA	\$895.00
RN, NP, Technician, Other	\$895.00
Industry	\$995.00

Payment may be made by credit card or check. If paying by check, please make checks payable to:

AEI, dba – Advanced Medical Education, Inc.

Mail to: Boston AF Symposium 2014
P.O. Box 790
Nashua, NH 03061

All registrations will be confirmed via email. If you do not receive a confirmation please call (631-707-0069)

Register online at www.afsymposium.com

For information on the Government Rate please call Genevieve Finnegan at 631-707-0069

CANCELLATION POLICY

Should you cancel your registration prior to Friday, December 27, 2013, you will be refunded the conference fee less \$75. No refunds will be made for cancellations received after Friday, December 27, 2013 for any reason. The Boston Atrial Fibrillation (AF) Symposium is not responsible for airfare, hotel, or other costs incurred by participants in the event of program or registration cancellation. For further information contact: Genevieve Finnegan (631-707-0069) or gfinnegan@advancedmedicaledu.com Note: In the event the 19th Annual Boston Atrial Fibrillation (AF) Symposium is abbreviated or canceled because of circumstances beyond the Boston Atrial Fibrillation (AF) Symposium's control including, but not limited to, civil disturbance, earthquake, electrical outage, explosion, fire, freight embargo, strike or labor unrest, flood, hurricane, tornado or other acts of God, an act of war, terrorism, or the act of any government (de facto or de jure), or any government agency or official, the Boston Atrial Fibrillation (AF) Symposium reserves the right, at the Boston Atrial Fibrillation Symposium's sole discretion, to unilaterally terminate the symposium. In these circumstances, the registrant expressly agrees to waive any claim that he, she, or it may have against the Boston Atrial Fibrillation Symposium for damages or compensation, including but not limited to fees for registration, housing, airfare, and incidental charges. For complete cancellation policies please visit www.afsymposium.com

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 Postgraduate Institute for Medicine and AEI dba Advanced Medical Education. Postgraduate Institute for Medicine is accredited by the ACCME to provide continuing medical Education for physicians.

CREDIT DESIGNATION

The Postgraduate Institute for Medicine designates this live activity for a maximum of 25.75 AMA PRA Category 1 Credit(s)™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

EUROPEAN CONTINUOUS

MEDICAL EDUCATION CREDIT

AMA PRA Category 1 Credits™ claimed by physicians attending live events certified and organized in the United States for AMA PRA Category 1 Credits™ can be claimed through the agreement on mutual recognition of credits between UEMS and AMA, considered as being equal to the European Continuous Medical Education Credits (ECMEC©) granted by the UEMS. One AMA PRA Category 1 Credit™ is equivalent to one (1) hour of European EACCME Credit (ECMEC©).

NURSING CONTINUING EDUCATION

ACCREDITATION STATEMENT

Postgraduate Institute for Medicine is accredited as a provider of continuing nursing education by the American Nurses Credentialing Center's Commission on Accreditation.

CREDIT DESIGNATION

This educational activity for 26 contact hours is provided by Postgraduate Institute for Medicine.

DISCLOSURE OF CONFLICTS OF INTEREST

Postgraduate Institute for Medicine (PIM) requires instructors, planners, managers and other individuals who are in a position to control the content of this activity to disclose any real or apparent conflict of interest (COI) they may have as related to the content of this activity. All identified COI are thoroughly vetted and resolved according to PIM policy. The existence or absence of COI for everyone in a position to control content will be disclosed to participants prior to the start of each activity.

AMERICANS WITH DISABILITIES ACT

Event staff will be glad to assist you with any special needs (ie. physical dietary, etc). Please contact Genevieve Finnegan prior to the event at 603-707-0069 or gfinnegan@advancedmedicaledu.com

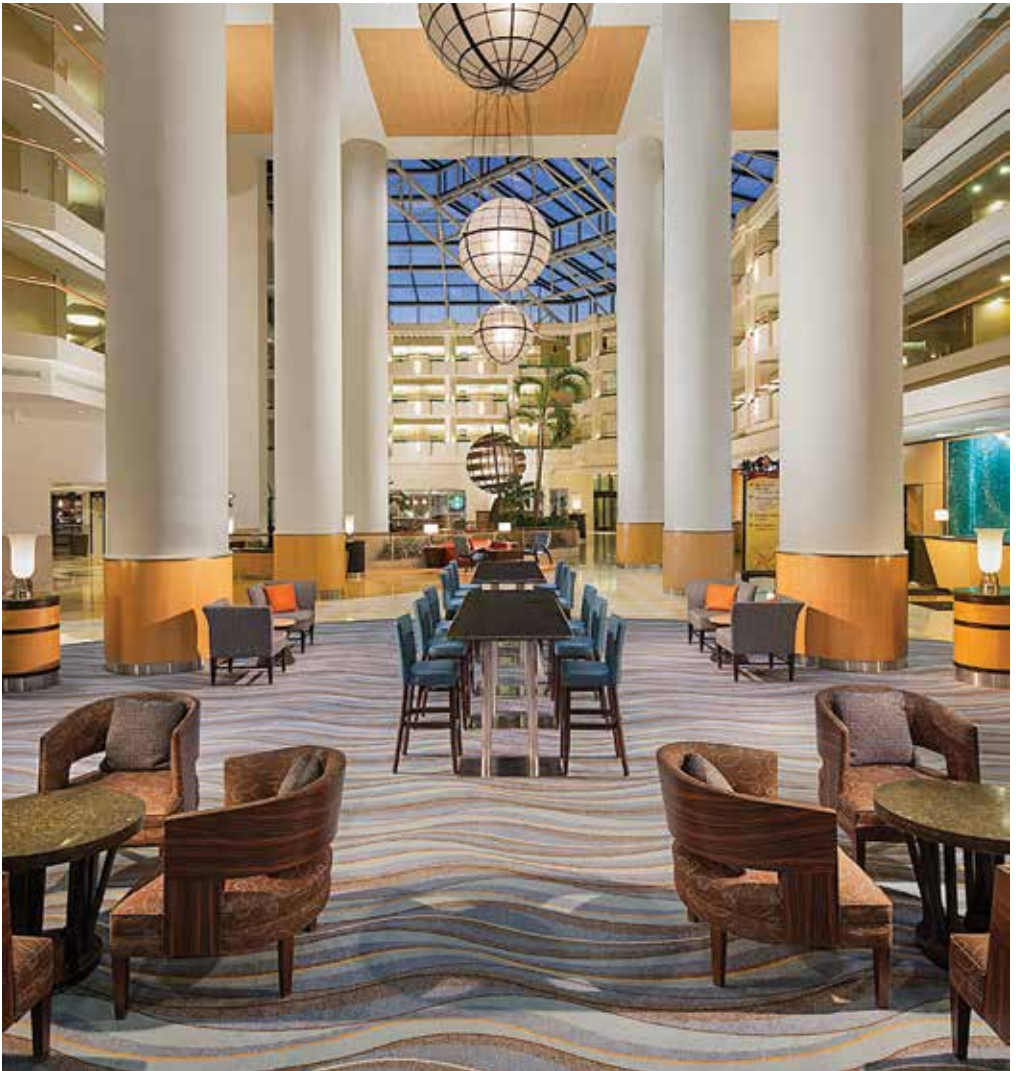
This activity has been designed to meet the educational needs of Physicians, registered nurses and allied health professionals involved in the care of patients with AF.



STATEMENT OF NEED

The Planning Committee has determined that there is a strong need for this conference based on the clinical and public health significance of atrial fibrillation as the most common cardiac arrhythmia and a growing epidemic, as well as rapid advances in our understanding of the mechanisms of and treatment options for this major public health problem. This three-day symposium is designed to meet the following objectives:

- 1 Discuss the scientific advances in the diagnosis and treatment of atrial fibrillation and atrial fibrillation related stroke.
- 2 Utilize the appropriate treatment options to improve patient outcomes.
- 3 Integrate the application of current and evolving pharmacological and non-pharmacological therapies and technologies related to atrial fibrillation and atrial fibrillation-related stroke.
- 4 Provide appropriate care and counsel for patients and their families.



This symposium has been designed to meet the educational needs of cardiologists, internists, fellows, registered nurses, and technicians involved in the care of patients with atrial fibrillation. The scientific basis for, clinical experience with and limitations of new and existing therapies for atrial fibrillation and prevention of atrial fibrillation-related stroke will be explored. In addition to formal lectures, recorded case presentations, case discussions, focused mini-symposia and faculty-audience interactions using an audience response system will be used to highlight the current state of scientific knowledge in areas of major importance to clinicians. The faculty is selected to provide the highest quality teaching and access to the most current scientific information from leading international experts in the field.

REGISTRATION FORM



Boston Atrial Fibrillation Symposium
Mechanisms and New Directions in Therapy
19th International Symposium January 9-11, 2014
Orlando World Center Marriott, Orlando FL

PLEASE PRINT IN BLOCK LETTERS OR TYPE

Name _____ Title _____
Last First MI

Institution or Company _____

Mailing Address _____

City/State/Zip _____

Country/Postal Code _____

Daytime Phone _____ Fax _____

Email _____

(PLEASE PRINT OR TYPE)

Academic Degree ☐ MD ☐ PhD ☐ PA ☐ RN ☐ NP ☐ Technician ☐ Other

Specialty _____

REGISTRATION FEES	
Physician	\$995.00
Resident, Fellow, PA	\$895.00
RN, NP, Technician, Other	\$895.00
Industry	\$995.00

Check Payment: ☐ Check Payable to: AEI dba Advanced Medical Education, Inc.
Please return your payment with this form to:
Boston AF Symposium 2014
P.O. Box 790, Nashua, NH 03061

Credit Card Payment: ☐ American Express® ☐ VISA® ☐ Master Card®

Cardholder's Name _____ Card Number _____

Exp. Date _____ Signature _____

Please advise us at the earliest possible date if you have special health needs or physical requirements and desire special accommodations. Requests will be kept confidential. Please call 631-707-0069.

Register Online at www.afsymposium.com