

Live Stream Agenda • Time Listed are Eastern Time

Online programming features a combination of live-streamed sessions in real-time from the Sheraton Pentagon City Hotel from November 2-3, 2024, and exclusive programming for virtual attendees. Continuing Medical Education Credits are available and may be claimed after the Summit.

Saturday, November 2, 2024

9:00 – 9:05 am **Welcome / Introductions / Opening Remarks**
Wendy Tzou, MD, and William Sauer, MD

Anatomic Fundamentals in Cardiac Electrophysiology

Section I: Dissection Directed Topics

Spotlight I: Right Atrium and Left Atrium

9:05 – 10:10 am **Presentations with Panel Discussion and Q&A Session**

Anatomy Facilitating Typical and Atypical Flutters
Roderick Tung, MD

Atrial Tachycardias: Origins of Common Sites
Pasquale Santangeli, MD, PhD

Atrial Fibrillation Spectrum: Triggering and Maintenance
Francis Marchlinski, MD

The Left Atrial Appendage: Anatomic Considerations for Thromboembolism and Protection
Luigi Di Biase, MD, PhD

Panel Discussion with Q&A Session

Moderator: Wendy Tzou, MD, and Joshua Moss, MD

Panel: Roderick Tung, MD, Pasquale Santangeli, MD, PhD, Francis Marchlinski, MD, and Luigi Di Biase, MD, PhD

Circulating Moderator: William Sauer, MD

10:10 – 10:30 am **Anatomy Dissection Demonstration: Right Atrium and Left Atrium**
Samuel Asirvatham, MD

Spotlight II: Midline and Annular Structures

10:30 – 11:35 am **Presentations with Panel Discussion and Q&A Session**

Anatomy Facilitating Reentrant SVTs: AVNRT/AVRT

David Frankel, MD

Arrhythmogenic Features Facilitating Outflow Tract Arrhythmias

Francis Marchlinski, MD

Importance of Anatomic Relationships to Target LV Ostial Arrhythmias (LV Summit, PSP)

Pasquale Santangeli, MD, PhD

Coronary Vein Approach to Intramural Arrhythmias

Miguel Valderrábano, MD, PhD

Panel Discussion with Q&A Session

Moderators: Roderick Tung, MD, and William Sauer, MD

Panel: David Frankel, MD, Francis Marchlinski, MD, Pasquale Santangeli, MD, PhD, and Miguel Valderrábano, MD, PhD

Circulating Moderator: Wendy Tzou, MD

11:35 – 11:50 am

Anatomy Dissection Demonstration: Midline and Annular Structures

Samuel Asirvatham, MD

11:50 am – 12:05 pm

Anatomy Dissection Demonstration: Ventricles

Samuel Asirvatham, MD

12:05 – 1:05 pm

Onsite Lunch

12:15 – 12:50 pm

Exclusive Virtual Programming – Case Theater

Volta Medical and VOM-an Optimized Strategy for Catheter Ablations

Miguel Valderrábano, MD, PhD

Spotlight III: Ventricles

1:05 – 1:55 pm

Presentations with Panel Discussion and Q&A Session

Purkinje System and Non–Outflow Tract Ventricular Arrhythmias

Roderick Tung, MD

Ventricular Arrhythmias in Structural Heart Disease

Usha Tedrow, MD

Epicardial Access Approaches

William Stevenson, MD

Panel Discussion with Q&A Session

Moderators: Wendy Tzou, MD, and Luigi Di Biase, MD, PhD

Panel: William Stevenson, MD, Usha Tedrow, MD, and Roderick Tung, MD

Circulating Moderator: William Sauer, MD

Spotlight IV: Avoiding Collateral Damage

1:55 – 2:25 pm

Case Reviews with Panel Discussions and Q&A Session

Case Presenter: David Frankel, MD

Moderators: Wendy Tzou, MD, and William Sauer, MD

Panel: Joshua Moss, MD, Miguel Valderrábano, MD, PhD, and Francis Marchlinski, MD

Section II: Mapping Fundamentals and Ablation Biophysics

2:25 – 3:25 pm

Biophysics of Ablation Hands-on Workshop Stations

Featured Station: Cory Tschabrunn, MD

3:25- 3:55 pm

Onsite Break

3:55 – 4:55 pm

Presentations with Panel Discussion and Q&A Session

Mechanisms of and Tools for Pulsed Field Ablation

Jacob Koruth, MD

Mapping Fundamentals: High-Density, Unipolar Signals, etc.

Cory Tschabrunn, MD

Panel Discussion with Q&A Session

Moderators: Wendy Tzou, MD, and William Sauer, MD

Panel: Jacob Koruth, MD, Cory Tschabrunn, MD, William Stevenson, MD, and Francis Marchlinski, MD

4:55 pm

Day 1 Closing Thoughts, Followed by Hands-On Simulator Training

Wendy Tzou, MD, and William Sauer, MD

Sunday, November 3, 2024

Section I: Cardiac Implantable Electronic Devices

9:00 – 9:05 am

Day 2 Welcome

Wendy Tzou, MD, and William Sauer, MD

9:00 – 9:05 am

Day 2 Welcome

Wendy Tzou, MD, and William Sauer, MD

9:05 – 10:15 am

Presentations with Panel Discussion and Q&A Session

Leadless Pacing

Matt Zipse, MD

CRT Implantation and Programming

Joshua Moss, MD

Conduction System Pacing

Stavros Mountantonakis, MD

Essential Concepts in ICD Programming

Sunil Kapur, MD

Panel Discussion with Q&A Session

Moderator: William Sauer, MD

Panel: Matthew Zipse, MD, Joshua Moss, MD, Sunil Kapur, MD, and Stavros Mountantonakis, MD

Circulating Moderator: Wendy Tzou, MD

10:15 – 11:15 am

Case-Based Device Troubleshooting Breakout Workshops

Featured Station Leaders: Matthew Zipse, MD

Section II: Challenging EGMs Workshop

11:15 am – 12:15 pm

Electrogram Reviews with Audience Response

EGMs are presented with real-time ARS testing clinical decision-making proficiency in EGM interpretation.

Moderators: William Sauer, MD, and Wendy Tzou, MD

Panel: Matthew Zipse, MD, Joshua Moss, MD, Sunil Kapur, MD, and Luigi Di Biase, MD, PhD

12:15 – 1:15 pm

Onsite Lunch

Section III: Case Competition

1:15 – 2:15 pm

Case Competition Presentations

The 3 case finalists present their work and participate in corresponding discussions with the panel of judges. At the session's conclusion, the overall winner of the Case Competition is announced.

All Faculty Judges

1:20 – 1:30 pm

Atrial Fibrillation Trigger Masked by General Anesthesia

Sang Lee, MD

New York Presbyterian Queens Hospital, Flushing, NY, USA

1:30 – 1:35 pm

Panel Discussion

1:35 – 1:45 pm

An Unusual Cause of Syncope: Right Coronary Vasospasm leading to Atrioventricular Block

Maxwell Coll, MD

Brigham and Women's Hospital, Boston, MA, USA

1:45 – 1:50 pm

Panel Discussion

1:50 – 2:00 pm

Ventricular Tachycardia Ablation with Stacked Pulsed-Field and Radiofrequency Energy via a Dual-Energy Lattice-Tip Catheter: A Novel Two-Pronged Approach

James Mannion, MBBCh, BAO, MRCPI
Beacon Hospital, Dublin, Ireland

2:00 – 2:05 pm

Panel Discussion

2:05 – 2:10 pm

Judge Deliberation

2:10 – 2:15 pm

Case Competition Winner Announcement

Course Chairs

Wendy Tzou, MD

Director, Cardiac Electrophysiology
Associate Professor of Medicine
University of Colorado Anschutz Medical Campus
Aurora, CO

William Sauer, MD

Chief, Cardiac Arrhythmia Service
Brigham and Women's Hospital
Boston, MA

Faculty

Samuel Asirvatham, MD

Mayo Clinic
Rochester, MN

Luigi Di Biase, MD, PhD

Albert Einstein College of Medicine at Montefiore Hospital
Bronx, NY

David Frankel, MD

Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

Sunil Kapur, MD

Brigham and Women's Hospital
Boston, MA

Jacob Koruth, MD

Mount Sinai Hospital
New York, NY

Francis Marchlinski, MD

University of Pennsylvania Health System
Philadelphia, PA

Joshua Moss, MD

University of California San Francisco
San Francisco, CA

Stavros Mountantonakis, MD

Lenox Hill Hospital
New York, NY

Pasquale Santangeli, MD, PhD

Cleveland Clinic

Cleveland, OH

William Stevenson, MD

Vanderbilt University School of Medicine
Nashville, TN

Usha Tedrow, MD

Brigham and Women's Hospital
Boston, MA

Cory Tschabrunn, PhD

Perelman School of Medicine
University of Pennsylvania
Philadelphia, PA

Roderick Tung, MD

The University of Arizona College of Medicine-Phoenix
Phoenix, AZ

Miguel Valderrábano, MD, PhD

Houston Methodist DeBakey Cardiology Associates
Houston, TX

Matthew Zipse, MD

University of Colorado Anschutz Medical Campus
Aurora, CO