



David Geffen
School of Medicine

UCLA

Cardiac Arrhythmia Center

The California Heart Rhythm Symposium 2017

Friday-Saturday

November 17-18, 2017

UCLA Luskin Conference Center
Los Angeles, California



UC San Diego
SCHOOL OF MEDICINE

UCSF

CME OFFICE OF
CONTINUING
MEDICAL
EDUCATION

DAVID GEFFEN SCHOOL OF MEDICINE at UCLA

The California Heart Rhythm Symposium 2017

OVERVIEW AND TARGET AUDIENCE

The California Heart Rhythm Symposium aims to bring together leaders in the field of cardiac arrhythmias and provide a forum for presentation and discussion of the latest advances in the field. The target audiences include practicing cardiac electrophysiologists, cardiologists, interventionalists and allied health professionals.

The meeting will highlight how the understanding of basic mechanisms and new advances are translated into clinical practice. Furthermore, the program will explore how clinical problems have created new avenues for research and therapeutics.

EDUCATIONAL OBJECTIVES

At the end of this meeting, participants will be able to:

- Describe the latest advances in the understanding of cardiac arrhythmias
- Recognize how these advances are translated into new medical and interventional treatments
- Identify how these treatment advances can be applied to their clinical practices

NEEDS ASSESSMENT

The content of this educational activity was determined by rigorous assessment of program feedback from prior California Heart Rhythm symposia, expert faculty assessment and new medical knowledge in the field.

COURSE DIRECTORS

Noel G. Boyle, MD, PhD
UCLA

Gregory Feld, MD
UCSD

Edward Gerstenfeld, MD
UCSF

Kalyanam Shivkumar, MD, PhD
UCLA

UNIVERSITY OF CALIFORNIA FACULTY

Olujimi Ajijola, MD, PhD, UCLA

Jeffrey Ardell, PhD, UCLA

J. Andrew Armour, MD, PhD, UCLA

Malcolm Bersohn, MD, UCLA

Jason Bradfield, MD, UCLA

Eric Buch, MD, UCLA

Shelly Cote, NP, UCLA

Zenaida Feliciano, MD, UCLA

Alan Fogelman, MD, UCLA

Sam Fujimura, MD, UCLA

Jean Gima, NP, UCLA

Janet Han, MD, UCLA

Henry Hsia, MD, UCSF

Houman Khakpour, MD, UCLA

Yuliya Krokhaleva, MD, UCLA

Jonathan Hsu, MD, UCSD

Carlos Macias, MD, UCLA

Jeremy Moore, MD, UCLA

Jeffrey Olgin, MD, UCSF

Geraldine Pavez, NP, UCLA

Melvin Scheinman, MD, UCSF

Kevin Shannon, MD, UCLA

Julie Sorg, RN, MSN, UCLA

Johnese Spisso, MPA, UCLA

Uma Srivatsa, MD, UCD

John Tompkins, PhD, UCLA

Marmar Vaseghi, MD, PhD, UCLA

INVITED FACULTY

Maurits Allestie, PhD
Maastricht University,
Maastricht, The Netherlands

Jared Bunch, MD
Intermountain Health System,
Salt Lake City, UT

David Callans, MD
University of Pennsylvania,
Philadelphia, PA

Sumeet Chugh, MD
Cedars-Sinai Medical Center,
Los Angeles, CA

Luigi Di Biase, MD
Albert Einstein College of
Medicine, New York, NY

Kevin Donahue, MD
University of Massachusetts,
Worcester, MA

Rahul Doshi, MD
University of Southern
California, Los Angeles, CA

Srinivas Dukkipati, MD
Mt. Sinai Medical Center,
New York, NY

Kenneth Ellenbogen, MD
Virginia Commonwealth
University, Richmond, VA

Michael Gold, MD
Medical University of South
Carolina, Charleston, SC

David Haines, MD
Beaumont Health System,
Royal Oak, MI

Bradley Knight, MD
Northwestern University,
Chicago, IL

**Dhanunjaya (DJ) Lakkireddy,
MD**
University of Kansas,
Kansas City, MO

John Mandrola, MD
Louisville Cardiology Group,
Louisville, KY

Frank Marchlinski, MD
University of Pennsylvania,
Philadelphia, PA

Nilesh Mathuria, MD
Texas Heart Institute,
Houston, TX

Christian Meyer, MD
Hamburg University,
Hamburg, Germany

Greg Michaud, MD
Vanderbilt University,
Nashville, TN

Andrea Natale, MD
Texas Cardiac Arrhythmia
Institute, Austin, TX

Mark O'Neill, MD
Imperial College,
London, UK

Kim Rajappan, MD
Oxford University,
Oxford, UK

Melissa Robinson, MD
University of Washington,
Seattle, WA

Magdi Saba, MD
St. George's Hospital,
University of London, UK

William Sauer, MD
University of Colorado,
Denver, CO

William Stevenson, MD
Vanderbilt University,
Nashville, TN

Gordon Tomaselli, MD
Johns Hopkins University,
Baltimore, MD

Roderick Tung, MD
University of Chicago,
Chicago, IL

Program

DAY I – FRIDAY, NOVEMBER 17, 2017

7:55 **Welcome** — Course Directors with Alan Fogelman, MD and Johnese Spisso, MPA

SESSION I ATRIAL ARRHYTHMIAS

- 8:00 Case Presentations – Dilemmas in Atrial Fibrillation (AF) — **Eric Buch, MD**
8:15 Basic Physiology of AF — **Maurits Allesie, PhD**
8:30 Evolution in AF Treatments — **Greg Michaud, MD**
8:45 AF and Dementia – What Is the Connection? — **Jared Bunch, MD**
9:00 AF Ablation Guided by Basic Insights — **Christian Meyer, MD**
9:15 Current RF Ablation Strategies for AF — **Andrea Natale, MD**
9:30 Putting AF Ablation in Context — **Srinivas Dukkupati, MD**
9:45 Discussion
10:00 **Coffee Break / Exhibits**
10:30 Personalized Models of AF for Ablation — **Mark O'Neill, MD**
10:45 Atrial Flutter and Atrial Fibrillation – What Is the Overlap? — **Kim Rajappan, MD**
11:00 Does LAA Isolation Have a Role in AF Ablation As Well As Stroke? —
Dhanunjaya (DJ) Lakkireddy, MD
11:15 Management of AF in 2017 – Putting It All Together! — **Bradley Knight, MD**
11:30 Discussion
11:45 **Buffet Lunch / Exhibits**

SESSION II VENTRICULAR ARRHYTHMIAS

- 1:00 Case Presentations – Dilemmas in Ventricular Tachycardia (VT) —
Jason Bradfield, MD
1:15 The Evolution of VT Catheter Ablation — **William Stevenson, MD**
1:30 Ischemic VT Ablation — **David Callans, MD**
2:00 Non-Ischemic VT Ablation — **Luigi Di Biase, MD**
2:15 New Mapping Methods — **Magdi Saba, MD**
2:30 Beyond Catheter Ablation for VT — **Marmar Vaseghi, MD, PhD**
2:45 Discussion
3:00 **Coffee Break / Exhibits**
3:30 Case Presentations – More Case Dilemmas in VT — **Roderick Tung, MD**
3:45 Idiopathic VT and PVCs — **Henry Hsia, MD**
4:00 VT in ARVC / Brugada Syndrome — **Melissa Robinson, MD**
4:15 VT in Sarcoidosis — **William Sauer, MD**
4:30 VT Ablation in VAD Patients — **Nilesh Mathuria, MD**
4:45 **Discussion and Adjourn**
6:00 Poster Session and Reception
Celebrating 15 Years of UCLA Cardiac Arrhythmia Center with Faculty and Staff

DAY II – SATURDAY, NOVEMBER 18, 2017

SESSION III DEVICES AND LEAD MANAGEMENT / STATE OF THE ART 2017

- 8:00 Case Presentations – His Bundle Pacing — **Olujimi Ajijola, MD, PhD**
8:15 Devices and Lead Management Update – Congenital Heart Disease Patients —
Rahul Doshi, MD
8:30 State of the Art – Pacemakers — **Kenneth Ellenbogen, MD**
8:50 State of the Art – ICDs — **Michael Gold, MD**
9:10 State of the Art – AF Management — **David Haines, MD**
9:30 State of the Art – VT Management — **Frank Marchlinski, MD**
9:50 Discussion
10:00 **Coffee Break / Exhibits**

SESSION IV THE WORLD OF CARDIAC EP - PAST, VIRTUAL, AND FUTURE!

- 10:30 EP – 1967-2017 – The First 50 Years! — **Melvin Scheinman, MD**
10:50 Why Basic Science Is Important to EP — **Kevin Donahue, MD**
11:10 AF and SCD – Global Perspectives — **Sumeet Chugh, MD**
11:30 EP in the World of New Media — **John Mandrola, MD**
11:50 Science and EP – What Will We Be Doing in 2067? — **Gordon Tomaselli, MD**
12:10 Discussion
12:20 **Adjourn and Lunch**

General Information

Course Fees

Physicians: \$150
Associated Professionals: \$150
Nurses, Techs, Residents, Fellows: \$50
— with accepted poster presentation: \$0

Location

UCLA Luskin Conference Center
425 Westwood Plaza
Los Angeles, CA 90095
(855) 522-8252

Surrounded by iconic UCLA landmarks, the Luskin Conference Center pulses with the energy of a vibrant campus community by day, while its hotel accommodations offer a comfortable place to recharge at night. Every day, new innovations are sparked right here at UCLA, and the Luskin Conference Center is at the heart of it all. With more than 25,000 square feet of versatile, thoughtfully-executed event space and 254 graciously appointed guest rooms—many of which offer inspiring views of lush, landscaped grounds and historic architecture—the Center offers facilities that are simultaneously warm and welcoming, coolly functional and technologically impressive.

For more information, visit the hotel's website at www.luskinconferencecenter.ucla.edu

Overnight Accommodations

We urge you to make reservations early. A limited block of rooms has been reserved at the Luskin Conference Center. Sleeping room rates start at \$249 per night.

To receive this special rate, you must make your reservation before the room block is filled or by the expiration date of October 17, 2017. Attendees are responsible for their own reservations. The standard hotel individual reservation cancellation policy will apply to the individual reservations, unless otherwise specified.

To reserve your room, please call the reservation number at (855) 522-8252. Please make sure to ask for the "UCLA Heart Rhythm" block.

Enrollment

Online

Go to www.cme.ucla.edu/courses and click on UCLA Heart Rhythm Symposium. You may use your MasterCard, Visa, American Express, or Discover card to register.

By Mail

Mail the attached form to:
UCLA Office of Continuing Medical Education
David Geffen School of Medicine at UCLA
UCLA Heart Rhythm Symposium
10920 Wilshire Blvd., Suite 1060
Los Angeles, CA 90024-6512

By Fax

Send the completed enrollment form with credit card information and authorizing signature to (310) 794-2624.

By Phone

Call (310) 794-2620 to use your MasterCard, Visa, American Express, or Discover card.

Please visit our website for other UCLA CME offerings at www.cme.ucla.edu

Refunds

Cancellations must be received in writing by Friday, October 20, 2017 and will be subject to a \$50 processing fee. No refunds will be granted after that date. If, for any reason, the course must be cancelled, discontinued, or rescheduled by the Office of Continuing Medical Education, a full refund will be provided.

Poster Submission

Fellows, please submit your abstract to Noel G. Boyle, MD (nboyle@mednet.ucla.edu) before October 30, 2017. The registration fee is waived with an accepted poster presentation.

Cover photograph courtesy of Satoshi Tateshima, MD

Early registration is recommended, as space is limited.

Accreditation

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians.

The Office of Continuing Medical Education, David Geffen School of Medicine at UCLA, designates this live activity for a maximum of 10.5 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

Disclosure Statement

The FDA has issued a concept paper that classifies commercial support of scientific and educational programs as promotional unless it can be affirmed that the program is "truly independent" and free of commercial influence. In addition to independence, the FDA requires that non-promotional, commercially supported education be objective, balanced and scientifically rigorous. The policy further states that all potential conflicts of interest of the CME staff and faculty be fully disclosed to the program's participants. In addition, Accreditation Council for Continuing Medical Education policy mandates that the provider adequately manage all identified potential conflicts of interest prior to the program. UCLA fully endorses the letter and spirit of these concepts.

Course Title and Number	Registration Fee
The California Heart Rhythm Symposium 2017 M178-4 Physicians: \$150 Associated Professionals: \$150 Nurses, Techs, Residents, Fellows: \$50 — with accepted poster presentation: \$0	

 Last four digits of your Social Security Number

 Name (First/Middle/Last) Male Female

 Preferred Mailing Address

 City/State/Zip

() _____
 Area Code/Daytime Phone

() _____
 Area Code / Fax Number

 Email Address

 Degree

 Specialty

Check enclosed payable to: The Regents of the University of California

Charge: MasterCard Visa Discover American Express

 Authorizing Signature

 Expiration Date (Mo/Yr)

Mail: Office of Continuing Medical Education
 David Geffen School of Medicine at UCLA
 UCLA Heart Rhythm Symposium
 10920 Wilshire Blvd., Suite 1060
 Los Angeles, CA 90024-6512

Fax: (310) 794-2624
 (must include charge card information and authorizing signature)

Call: (310) 794-2620

Register online: www.cme.ucla.edu/courses (click on "UCLA Heart Rhythm Symposium")

UCLA Office of Continuing Medical Education
David Geffen School of Medicine at UCLA
405 Hilgard Avenue MC 29
Los Angeles, CA 90095-6938

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