

ATRIAL SIGNALS 2019

Physicians meet Engineers

OCTOBER

14-15, 2019

PRELIMINARY PROGRAM

Cité Mondiale
Congress Center

Bordeaux

www.atrialsignals-at-liryc.com

Organized by



ATRIAL SIGNALS

Physicians meet Engineers

We are delighted to inform you that the 3rd Atrial Signals meeting will take place in Bordeaux, in France, on October 14-15, 2019.

The field of Electrophysiology and Catheter Ablation is rapidly evolving and expanding with profound changes in indications, techniques and technologies. Atrial Signals aims to focus on the refined art of electrical signals, from their genesis in the cell to the tissular and organ level, included in diseased heart. Technology and engineers develop methods to extract information from signals, displaying information, finally to be interpreted by clinicians and biomedical scientists. With the ultimate goal of delivering better care to human beings, we will investigate the field of complex arrhythmias, providing access to the best scientific knowledge.

We are delighted to welcome you to Bordeaux, to meet and interact with one of the world largest EP dedicated research institute, IHU LIRYC, in fall 2019.

www.atrialsignals-at-liry.com



2019

ORGANIZING COMMITTEE

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LOGISTICS / PARTNERSHIPS & TECHNICAL ORGANIZATION

OVERCOME

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Cité Mondiale
Congress Center
Bordeaux
OCTOBER 14-15, 2019

Monday, October 14, 2019

08:30 Welcome and program overview

08:35 Basics in EP, clinical translation

08:35 Propagation of activation in normal heart and slow conduction *A. Kleber, Boston - USA*

08:50 Genesis of electrograms *R. Coronel, Amsterdam - NL*

09:05 P wave complexity *M. Potse, Bordeaux - FR*

09:20 Physiopathology of AF *D. Dobrev, Essen - GER*

09:35 Role of energetics *P. Pasdois, Bordeaux - FR*

09:50 Audience Q&A

10:10-10:40 Coffee break in the exhibition area

10:40 Symposium

11:40 Anatomy and safety

11:40 Atrial Anatomy relevant to AF *J.A. Cabrera, Madrid - SP*

11:50 My tricks to improve AF ablation safety *T. Rostock, Mainz - GER*

12:00 Audience Q&A

12:10 Keynote lecture

12:10 Principles, techniques, and pitfalls of entrainment *D. Shah, Geneva - SWI*

13:00-14:00 Lunch in the exhibition area

14:00 State of the art in mapping

14:00 Spectrum of signal processing techniques in AF *R. Dubois, Bordeaux - FR*

14:15 Impact of electrode size and distance of EGMs *S. Basu, Los Angeles - USA*

14:25 How mapping systems are determining local activation time?
S. Kim - USA, S. Capellino, Toulouse - FR, M. Bar-Tal, Haifa - ISR

14:40 Understanding and quantitative analysis of fragmented and fractionated EGMs
O. Dossel, Karlsruhe - GER

14:55 Audience Q&A

15:10 Symposium

16:10-16:40 Coffee break in the exhibition area

16:40 Drugs and devices

16:40 What is left for anti Arrhythmic Drugs? *J. Brachmann, Coburg - GER*

16:50 VT ablation as guided by ICD leads mapping *To be determined*

17:00 Energy harvesting *A. Nguyen-Dinh, Tours - FR*

17:10 High definition long duration cardiac monitoring *To be determined*

17:20 IA for AF *Y. Fleureau, Paris - FR*

17:30 Improvements in Pace makers AF processing *P. Ritter, Bordeaux - FR**

17:40 Connect your heart rhythm *P. Bordachar, Bordeaux - FR**

17:50 Audience Q&A

**To be confirmed*

Tuesday, October 15, 2019

08:30 Should persistent AF ablation be guided by Electrograms?

08:30 Evidence for rotors in AF from basic science

O. Bernus, Bordeaux - FR

08:40 AF computer models

*O. Dossel, Karlsruhe - GER**

08:50 Non invasive mapping of rotors & other mechanisms

M. S. Guilhem, Valencia - SP

09:00 Ablation of AF drivers

J. Seitz, Marseille - FR

09:10 Cryo Veins and box lesion

J.-B Chierchia, Brussels - BEL

09:20 Alternative to electrogram guided approach

*T. Pambrun, Bordeaux - FR**

09:30 Audience Q&A

09:50-10:20 Coffee break in the exhibition area

10:20 Mapping beyond local activation time

10:20 Omnidirectional mapping

A. Porta-Sanchez, Madrid - SP

10:35 Lumipoint

S. Capellino, Toulouse - FR

10:50 Coherent

M. Bar-Tal, Haifa - ISR

11:05 LAVA

F. Sacher, Bordeaux - FR

11:20 Endocardial rotational activities

G. Latcu, Monaco

11:35 EP systems Vs navigation systems pro/con

*M.E. Matthiesen, Copenhagen - DEN, E. Anter, Boston - USA**

11:50 Audience Q&A

12:00 Lunch debates

13:00-13:20 Coffee break in the exhibition area

13:20 Keynote lecture

13:20 The science of Electrograms to guide ablation

S. Jackman, Oklaoma City - USA

14:00 Non-invasive mapping and imaging

14:00 Imaging based mapping

H. Cochet, Bordeaux - FR

14:10 Imaging based simulation

N. Cedilnik, Nice - FR

14:20 Improved gap detection at MR

M. O'Neill, London - UK

14:30 MR fibrosis is the target: pro/con

N. Marrouche, Salt Lake City - USA, D. Shah, Geneva - SWI

14:50 Audience Q&A

15:10 Presentation of the 3 best posters

15:40-16:10 Coffee break in the exhibition area

16:10 Ablation in the near future and beyond...

16:10 Mapping of complex VT

P. Maury, Toulouse - FR

16:20 Cryoballoon is best for AF paroxysmal ablation

S. Boveda, Toulouse - FR

16:30 Super Cryo is even better

*M. Hocini, Bordeaux - FR**

16:40 Will electroporation be superior?

P. Jais, Bordeaux - FR

16:50 RF has a great future with the sphere

E. Anter, Boston - USA

17:00 The future of AF ablation is non invasive: pro/con

P. Cuculich, Saint Louis - USA, R. Martins, Rennes - FR

17:20 Audience Q&A

17:30 Closing remarks

GENERAL INFORMATION

Logistics and Registration

OVERCOME: 13-15 rue des Sablons - 75116 PARIS - France

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Congress Venue

Centre des Congrès Cité Mondiale

18 parvis des Chartrons - 33080 BORDEAUX - France

Ph.: +33 (0)5 56 01 75 75

Registration

	Registration from June 24 to October 7, 2019	Onsite registration
Physicians	380€	400€
Students & residents	280€	300€

** A certificate is required*

Registration fees include: access to the scientific sessions and the exhibition, congress documents, lunches and Coffee breaks.

Exhibition

Pharmaceutical firms, technical equipment companies and scientific book publishers display their products in the exhibition located adjacent to the conference rooms.

Official Language

English

Accommodation

For any information and reservation, please contact OVERCOME agency

Ph: +33 (0)1 40 88 97 97

Transportation



This original document will entitle you a reduction of 45% at most on the regular full fare in economy class for a round trip journey (subject to conditions).

To book your electronic ticket please contact the Air France call center from within France at 3654 or Overcome at +33 (0)1 40 88 97 97.

Domestic and international approved number: 34586AF

Validity: 10/10/2019 - 25/10/2019

To access the preferential fares granted for this event, use this link: www.airfrance-globalmeetings.com



Train vouchers are at your disposal on request to Overcome agency.

