

The aim of the Atrial Signals symposium is to bring together leading experts from the clinical, physiological and engineering fields in the characterization, diagnosis and management of atrial fibrillation in order to share cutting edge knowledge and exchange ideas about mechanisms that drive AF, controversies in AF management, and new technologies for decision-making, among other aspects.

Joint collaboration between experts – clinicians and engineers – provides the best chance to cope with this challenge. This is the goal of our workshop – to bring together the leading experts from these areas, and to provide a scenario for open discussion.

CONFERENCE LOCATION

Auditorio Cubo Azul
Ciudad Politécnica de la Innovación
Universitat Politècnica de València
Valencia (Spain)



PRICING

ATRIAL SIGNALS 2017 - FEES	Early registration	Late registration
General	300€	380€
Students & residents	220€	280€

The registration fee includes access to all conferences, coffee breaks and one ticket for the Gala Dinner.

REGISTRATION

You may register on-line at: www.atrialsignals.upv.es
Email contact for registration: congresos@cfp.upv.es
Important: Please put Atrial Signals 2017 as the subject of your email.

ACCOMMODATION

Please visit www.atrialsignals.upv.es/practical_information to make your reservations.



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Atrial Signals



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Atrial Signals 2017 quantitative analysis and diagnostics, predictive and therapeutic values

NEW DEADLINE

**22ND SEPTEMBER FOR
EARLY REGISTRATION &
ABSTRACT SUBMISSION &
FOR POSTERS WITH
SPECIAL AWARDS AND
DIPLOMAS**



October 5-7, 2017
Valencia, Spain



THURSDAY

5 OCT 2017

15:30 WELCOME TO ATRIAL SIGNALS 2017
Co-chairs: **Jose Millet and Joaquín Oscà**

**S1. FRONTIERS IN AFIB MANAGEMENT:
NEW PHARMACOLOGICAL ADVANCES & PROMISES OF INVASIVE STRATEGIES**

- 15:35** New antiarrhythmic drugs. What is coming
Juan Tamargo
- 16:00** Cardioversion by drugs. What can non-invasive atrial signal analysis tell us?
Jose Millet
- 16:25** Frontiers in stroke prevention: Atrial high-rate episodes (AHRE) detected with mobile devices: How much AFib is needed to start anticoagulation.
Carlos Morillo
- 16:50** Is ablation a treatment that is really improving prognosis?
Douglas L. Packer
- 17:15 – 17:40** **Coffee break**
- 17:45** Should we interrupt or maintain anticoagulant therapy after AFib ablation?
Fiorenzo Gaita
- 18:10** Left atrial appendage occlusion: is it a real alternative to oral anticoagulant therapy? Can it be combined with AFib ablation?
- 18:35 – 19:05** PANEL DISCUSSION
Moderators: **Joaquín Oscà & Jesus Almendral**

FRIDAY

6 OCT 2017

S2. MECHANISMS OF AF

- 08:30** Mechanisms of AFib: recent advances
José Luis Merino
- 08:55** Rotor and focal source identification (spatio-temporal analysis of patterns) and what are the real drivers of AFib?
Sanjiv M. Narayan
- 09:20** Endo-epicardial dissociation and rotors in AFib
Ulrich Schotten
- 09:45** Computer modelling of AFib: What is it good for? Can we reach out to personalize therapy planning?
Olaf Dössel
- 10:10** PANEL DISCUSSION
Moderators: **Javier Saiz & Felipe Aienza**
- 10:40** **Coffee break**

S3. MRI & FIBROSIS

- 11:10** Atrial cardiomyopathies - is it just a matter of fibrosis?
Andreas Goette
- 11:35** Detection of fibrosis and importance in AFib
Brent D. Wilson
- 12:00** Correlation of MRI detected fibrosis and substrate endocardial mapping. How to integrate both techniques
Lluís Mont
- 12:25** Spatial relationship of focal drivers, rotors and fibrosis in patients with persistent AFib.
Vadim Fedorov
- 12:50** PANEL DISCUSSION
Moderators: **Angel Arenal & Angel Alberich**

13:15 Lunch break

14:45

S4. POSTER SESSION

Moderators: **Francisco Castells, Maria S. Guillem & David Calvo**

Coffee break

S5. MAPPING

- 16:45** Emerging mapping technologies - Where are we now and where are we going?
Jose Maria Guerra
- 17:10** Invasive mapping of drivers in AFib
Tamas Szili-Torok
- 17:35** Non-invasive mapping of drivers in AFib. Contributions of ECG imaging
Michel Haissaguerre
- 18:00** From raw data to atrial activation maps. Diagnostic pitfalls and limitations. What can we really trust in?
Tobias Oesterlein
- 18:25** PANEL DISCUSSION
Moderators: **Claus Schmitt & Javier Moreno**

SATURDAY

7 OCT 2017

S6. TRANSFERRING KNOWLEDGE, FROM MECHANISMS TO ABLATION

- 08:30** Do we really know what we are doing in AFib ablation.
Armin Luik
- 08:55** AFib focal sources ablation: alternative, complement to PVI, or useless
Karl-Heinz Kuck
- 09:20** Detection of atrial fibrosis and ablation planning
Thomas Arentz
- 09:45** Non-pulmonary vein trigger ablation in AFib
Pasquale Santangeli
- 10:10** PANEL DISCUSSION
Moderators: **Josep Brugada & Ignacio Fernández Lozano**
- 10:40** **Coffee break**
- S7. NEW TECHNOLOGIES, NEW SYNERGIES**
- 11:10** Non paroxysmal Atrial Fibrillation treatment using a novel software
Carlo Pappone
- 11:35** Mobile devices and Apps and the potential impact on AFib monitoring and therapy
Francis White
- 12:00** Imaging and mapping – research (real time MRI, optical mapping, μ CT, μ MRI, confocal microscopy) and what do we learn about the basics of AFib?
Rob MacLeod
- 12:25** Novel global ultrasound imaging and continuous dipole density mapping
Richard Schilling
- 12:50 – 13:10** PANEL DISCUSSION
Moderators: **Fernando Arribas & Vicente Traver**