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)

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

PRICING
<table>
<thead>
<tr>
<th>ATRIAL SIGNALS 2017 - FEES</th>
<th>Early registration</th>
<th>Late registration</th>
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<tbody>
<tr>
<td>General</td>
<td>300€</td>
<td>380€</td>
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<tr>
<td>Students &amp; residents</td>
<td>220€</td>
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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.

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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
PROGRAM

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 antiarrythmic 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 Atienza
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 sustrate endocardial mapping. How to integrate both techniques
Lluis 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

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, μCT, μMRI, 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

SATURDAY 7 OCT 2017

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 Szilf-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