

PRELIMINARY SCIENTIFIC PROGRAM

(Will be reviewed periodically)

ECAS 2012

Munich, DE April 20-22, 2012

(updated November 24, 2011)

FRIDAY, APRIL 20, 2012

8:30 AM -10:00 AM

ROOM FURSTENSALON

WORKSHOP-WS-01

Multidimensional Integrated Mapping and Imaging for Guiding Ablation of Ventricular Tachycardia

Chairperson: Douglas L. Packer (Rochester, USA)

1. **Making the best of Electroanatomic Mapping: NAVX vs CARTO 3 for Identifying the Source of Ventricular Tachycardia.**
David Wilber (Chicago, USA)
2. **Advanced CT and MR Imaging for Substrate Characterization: Understanding Underlying Tissue Abnormalities.**
Timm-Michael Dickfeld (Baltimore, USA)
3. **Realtime 3D Ultrasound for Guiding Ablation of Ventricular Tachycardias.**
TBA
4. **Integrated Multimodality Imaging for Guiding Catheter-Based and Extracorporeal Beam Ablative Intervention**
Douglas L. Packer (Rochester, USA)

FRIDAY, APRIL 20, 2012

8:30 AM -10:00 AM

ROOM GELBERSALON

WORKSHOP-WS-02

Management of Atrial Fibrillation in CRT Patients

Chairpersons: Bruce L. Wilkoff (Cleveland, USA); Pascal Defaye (Grenoble, FR)

1. **Chicken and Eggs: CHF or Atrial Fibrillation - Incidence, Prognosis & Drugs**
Barhat Kantharia (Houston, USA)
2. **AF and CRT: Shocks & Survival and CRT**
Bruce L. Wilkoff (Cleveland, USA)

3. **AF in CRT patients - Atrial Fibrillation ablation, AV node ablation or Drugs**
David Wilber (Chicago, USA)
4. **AF and CRT: Management of Anti-coagulation before CRT surgery**
Tamas Szili-Torok (Rotterdam, NL)

FRIDAY, APRIL 20, 2012

8:30 AM -10:00 AM

ROOM MONTGELASSAAL

Workshop - WS-03

Sports and arrhythmias

Chairpersons: Peter Schwartz (Pavia, IT), Francesco Furlanello (Milano, IT)

1. **Is the 12 lead ECG helpful in detecting athletes at risk?**
Melvin Scheinman (San Francisco, USA)
2. **ICD patients and Sports practice**
John Fisher (New-York, USA)
3. **When athletes should not be granted a certificate of sports eligibility?**
Ali Oto (Ankara, TR)
4. **Watching Sports – is it really safe?**
Ute Wilbert-Lampen (Munich, DE)

FRIDAY, APRIL 20, 2012

8:30 AM -12:00 AM

ROOM PALAISHALLE

Chaired Poster Session A - Part 1.

Chaired Poster Session A - Part 2.

FRIDAY, APRIL 20, 2012

10:30 AM -12:00 PM

ROOM KONIGSSAAL

Oral Abstract session 1

FRIDAY, APRIL 20, 2012

10:30 AM -12:00 PM

ROOM FURSTENSALON

Oral Abstract session 2

FRIDAY, APRIL 20, 2012

10:30 AM -12:00 PM

ROOM GELBERSALON
Oral Abstract session 3

FRIDAY, APRIL 20, 2012

10:30 AM-12:00PM

ROOM MONTGELASSAAL
Oral Abstract session 4

FRIDAY, APRIL 20, 2012

10:30 AM -12:00 PM

ROOM PALAISHALLE
Chaired Poster session A (Cont.)

FRIDAY, APRIL 20, 2012

12:15 PM -1:45 PM

LUNCHEON PANELS

Panel 1: Anticoagulation for Stroke Prevention in Atrial Fibrillation

TBA

Panel 2: Devices and MRI

TBA

FRIDAY, APRIL 20, 2012

2:00 PM- 3:30 PM

ROOM KONIGSSAAL

SESSION - AB-01

Fundamentals of Catheter Ablation for Cardiac arrhythmias

Chairpersons: Riccardo Cappato (Milano, IT), Douglas Packer (Rochester, USA)

- 1. Etiological and anatomical knowledge required for catheter ablation of arrhythmogenic cardiac foci**
Jeronimo Farre (Madrid, ES)
- 2. Structure and function of the human AV node. Lessons from optical mapping**
Igor Efimov (St. Louis, USA)
- 3. Minimally acceptable equipment and mapping techniques for the modern cardiac electrophysiologic laboratory**
Richard Hauer (Utrecht, NL)
- 4. Conventional and new energy sources used for catheter ablation**
Wyn Davies (London, GB)

FRIDAY, APRIL 20, 2012

2:00 PM- 3:30 PM

ROOM FURSTENSALON

SESSION- HD-01

Arrhythmias in coronary heart disease

Chairpersons: Sanjeev Saksena (New Brunswick, USA), Shigeru Ikeguchi (Tokyo, JP)

- 1. Tools to evaluate the mechanisms of arrhythmias in CAD patients (ECG, 3D-Mapping, Imaging modalities etc.)**
TBA
- 2. Non-device management of ventricular arrhythmias in CAD patients**
Poul Erik Bloch-Thomsen (Copenhagen, DK)
- 3. Incidence and clinical significance of atrial arrhythmias in the context of CAD**
Stanley Nattel (Montreal, CA)
- 4. Ablation and Management of VT storm**
Robert Schweikert (Akron, USA)

FRIDAY, APRIL 20, 2012

2:00 PM- 3:30 PM

ROOM GELBERSALON

SYMPOSIUM - SP-01

A second life for antiarrhythmic agents?

Chairpersons: Dobromir Dobrev (Heidelberg, DE); TBA

- 1. Class I agents in the management of inherited arrhythmias – A need for resuscitation?**
Arthur Wilde (Amsterdam, NL)
- 2. Any role for conventional class III agents?**
Nils Edvardsson (Gothenburg, SE)
- 3. Use of antiarrhythmics in ICD patients: A good model for their evaluation?**
Jean-Yves Le Heuzey (Paris, FR)
- 4. Antiarrhythmic agents of the future**
Samuel Lévy (Marseille, FR)

FRIDAY, APRIL 20, 2012

2:00 PM- 3:30 PM

ROOM MONTGELASSAAL

SYMPOSIUM – SP-02

Structural changes and predisposing factors for atrial fibrillation

Chairpersons: Gerard Guiraudon (London, CA), Michiel Janse (Amsterdam, NL)

- 1. Structural changes associated with lone AF**
Albert Waldo (Cleveland, USA)
- 2. Obesity, metabolic syndrome and AF**
Promound Obel (Johannesburg, ZA)
- 3. Prevention of AF with fish oil and fish oil supplements: how strong is the evidence?**
Massimo Santini (Rome, IT)
- 4. Autonomic dysfunction and atrial fibrillation**
Martins Oliveira (Lisbon, PT)

FRIDAY, APRIL 20, 2012

2:00 PM- 3:30 PM

ROOM PALAISHALLE

Chaired Poster Session B - Part 1.

Chaired Poster Session B - Part 2.

FRIDAY, APRIL 20, 2012

3:30 PM- 4:00 PM

ROOM KONIGSAAL

DEBATE 1

Radiofrequency is still the best energy source for AF ablation

Chairpersons: Ellen Hoffmann (Munich, DE), Dubravko Petrac (Zagreb, HR)

Protagonist : Riccardo Cappato (Milan, IT) (13min)

Antagonist : TBA (13min)

Rebuttal: 2 min each

Conclusion

FRIDAY, APRIL 20, 2012

3:30 PM- 4:00 PM

DEBATE 2

Left atrial ablation to cure AF in heart failure is an established intervention

Chairpersons: Stephan Willems (Hamburg, DE), David Wilber (Chicago, USA)

Protagonist: Méléze Hocini (Bordeaux, FR) (15 min)

Antagonist: TBA (15 min)

Rebuttal: 2 min each

Conclusion

FRIDAY, APRIL 20, 2012

4:00 PM- 5:30 PM

ROOM FURSTENSALON

SESSION - HD-02

Atrial and ventricular tachyarrhythmias in non-ischemic cardiomyopathy

Chairpersons: Ernst Vester (Dusseldorf, DE), Berndt Lüderitz (Bonn, DE)

1. Atrial arrhythmias in dilated cardiomyopathy: characteristics and management

Denis Roy (Montreal, CA)

2. Mechanisms and management of ventricular arrhythmias in dilated cardiomyopathy

Mark Estes III (Boston, USA)

3. Mechanisms and management of ventricular arrhythmias in HCM

Martin Borggrefe (Mannheim, DE)

4. Indications of ICD with and without resynchronization therapy

Bruce Lindsay (Cleveland, USA)

FRIDAY, APRIL 20, 2012

4:00 PM -5:30 PM

ROOM GELBERSALON

SESSION AB-02

Catheter ablation of supraventricular tachycardias

Chairpersons: John Fisher (New-York, USA) Andrey Ardashev (Moscow, RU)

1. Mechanism of supraventricular tachycardias as derived from the surface ECG

TBA

2. Ablation of accessory atrioventricular connections

Warren Jackman (Oklahoma City, USA)

3. Ablation of atrioventricular nodal re-entrant tachycardias

Shaowen Liu (Shanghai, CN)

4. When modern mapping techniques and remote navigation are useful?

Annibale Sandro Montenero (Milan, IT)

FRIDAY, APRIL 20, 2012

4:00 PM -5:30 PM

ROOM MONTGELASSAAL

SYMPOSIUM – SP-03

Epicardial Mapping and ablation: Technique, indications and complications

Chairpersons: Richard Schilling (London, GB); TBA

1. Technique of epicardial mapping and epicardial ablation

David Lin (Philadelphia, USA)

2. When epicardial ablation is needed for ventricular tachycardias?

Dietmar Baensch (Rostock, DE)

3. When epicardial ablation is needed for supraventricular tachycardias?

Andrea Natale (Austin, USA)

4. Complications related to epicardial mapping and ablation

TBA

FRIDAY, APRIL 20, 2012

4:00 PM -5:30 PM

ROOM PALAISHALLE

Chaired poster session B (Cont.)

FRIDAY, APRIL 20, 2012

5:30 PM - 6:00 PM

ROOM KONIGSAAL

Special lecture: *A tribute to Philippe Coumel*

By

Martin Borggreffe (Mannheim, DE)

FRIDAY, APRIL 20, 2012

6:00 PM - 7:00 PM

Opening ceremony

During the Opening Ceremony Chaired by
Gerhard Steinbeck (Munich, DE) and Samuel Lévy (Marseille, FR)

Address of Stefan Käab (Munich, DE) Congress Chairman

Address of Riccardo Cappato (Milan, IT) President ECAS

Outstanding Achievement Awards

Presented by Riccardo Cappato (Milan, IT) President ECAS

Stefan Kaab Congress Chairman

And Ellen Hofmann (Munich, DE), chairman of the Program Committee

Followed by a cocktail Reception

SATURDAY, APRIL 21, 2012

08:30 AM - 10:00 AM

ROOM KONIGSAAL

SYMPOSIUM – SP-04

Recent advances in out of hospital cardiac arrest

Chairpersons: David Benditt (Minneapolis, USA); Hendrik Bonnemeier (Lubeck, DE)

- 1. System-based approach to cardiac arrest**
Keith Lurie (Minneapolis, USA)
- 2. A critical review on the use of AEDs**
Hans-Joachim Trappe (Bochum, DE)
- 3. Cardiac arrest resuscitation centers: The importance of post-resuscitation care**
Kjetil Sunde (Oslo, NO)
- 4. Resuscitation in the 21st Century: Use of vasodilator therapy and post-conditioning**
Demetris Yannopoulos (Minneapolis, USA)

SATURDAY, APRIL 21, 2012

08:30 AM -10:00 AM

ROOM FURSTENSALON

SESSION-HD-03

Arrhythmias and Heart Disease – Lessons learned from Basic Science

Chairpersons: Ulrich Schotten (Maastricht, NL), Patrick Ellinor (Boston, USA)

- 1. Endurance exercise training and risks of arrhythmias**
Begona Benito (Barcelona, ES)
- 2. Role of vagal AF - What did we learn from basic science?**
Patrick Schauerte (Aachen, DE)
- 3. Abnormalities of cellular Ca²⁺ handling causing ventricular and atrial arrhythmias - Similarities and differences**
Reza Wakili (Munich, DE)
- 4. CRT-Therapy - Reverse Remodeling on the cellular level**
Gordon Tomaselli (Baltimore, USA)

SATURDAY, APRIL 21, 2012

08:30 AM -10:00 AM

ROOM GELBERSALON

SESSION-AB-03

Ablation of Atrial Fibrillation - the initial procedure

Chairpersons: Antonio Raviele (Venice, IT); Luc De Roy (Brussels, BE)

- 1. Does the initial rhythm and the history of AF matter?**
Lena Rivard (Montreal, CA)
- 2. The role of CFAE (Complex Fractionated Atrial Electrogram)**
Koonlawee Nademanee (Inglewood, USA)
- 3. What should be the endpoint of the first procedure?**
Stephan Willems (Hamburg, DE)
- 4. MRI pre Ablation - Benefit or Toy?**
Reza Razavi (London, GB)

SATURDAY, APRIL 21, 2012

08:30 AM -10:00 AM

ROOM MONTGELASSAAL

WORKSHOP-WS-04

Pacemaker ICD and CRT ECG interpretation: Case studies

Chairpersons: Eli Ovsyshcher (Beer sheba, IL), Carsten Israel (Bielefeld, DE)

- 1. Case Study 1**
Bruce Wilkoff (Chicago, USA)
- 2. Case Study 2**
Bengt Herweg (Tampa, Florida)
- 3. Case study 3**
Eli Eli Ovsyshcher (Beer sheba, IL)/ Carsten Israel (Bielefeld, DE)

SATURDAY, APRIL 21, 2012

9:00 AM-12:00 PM

ROOM PALAISHALLE

Chaired Poster session C Part 1.

Chaired Poster session C Part 2.

SATURDAY, APRIL 21, 2012

10:30 AM-12:00 PM

ROOM KONIGSSAAL
Abstract Oral session 5

SATURDAY, APRIL 21, 2012

10:30 AM-12:00 PM

ROOM FURSTENSALON
Abstract Oral session 6

SATURDAY, APRIL 21, 2012

10:30 AM-12:00 PM

ROOM GELBERSALON
Abstract Oral session 7

SATURDAY, APRIL 21, 2012

10:30 AM-12:00 PM

ROOM MONTGELASSAAL
Abstract Oral session 8

SATURDAY, APRIL 21, 2012

10:30 AM-12:00 PM

LUNCHEON PANELS

Panel 3: Update on Antiarrhythmic Drugs
Panel 4: Update on Telemedicine

SATURDAY, APRIL 21, 2012

2:00PM-3:30PM

ROOM KONIGSSAAL
SYMPOSIUM – SP-05

Policy issues in Electrophysiology

Chairpersons: Mark Estes III (Boston, USA), Magdi Sami (Montreal, CA)

1. **Will there be a randomized trial to compare medication vs AF-ablation as a first-line approach?**
Sanjeev Saksena (New Brunswick, USA)
2. **Does the increasing numbers of AF ablation hurt other aspects of clinical EP?**
Etienne Aliot (Nancy, FR)

3. Should we centralize complex ablation only at few centers? Risks and benefits of this policy

David Cannom (Los Angeles, USA)

4. Is ablation of recurrent sustained VT an acceptable option alone (without ICD) in patients in the absence of heart disease?

TBA

SATURDAY, APRIL 21, 2012

2:00PM-3:30PM

ROOM FURSTENSALON

SESSION - AB-04

Ablation of Atrial Fibrillation - the second procedure

Chairpersons: Dipen Shah (Geneva, CH), Edward Rowland (London, GB)

1. How to simplify a complex procedure?

Isabel Deisenhofer (Munich, DE)

2. Does the post ablation rhythm guide the second approach?

Thomas Rostock (Mainz, DE)

3. Potential benefit by additional drug treatment

Thorsten Lewalter (Munich, DE)

4. When is it time to re-ablate?

Nicholas Peters (London, GB)

SATURDAY, APRIL 21, 2012

2:00 PM-3:30 PM

ROOM GELBERSALON

SYMPOSIUM – SP-06

Implantable devices: New technologies to improve hemodynamics and QoL

Chairpersons: Eli Ovsyshcher (Beersheba, IL), Roger Winkle (Palo Alto, USA)

1. New technologies to optimize RV-pacing site

Carlo Pignalberi (Rome, IT)

2. Advanced algorithms to minimize inappropriate shocks

Neil Sulke (London, DE)

3. Hemodynamic sensors to increase response to CRT

Massimo Santini (Rome, IT)

4. Remote Monitoring to improve clinical outcome in CRT-patients

David Scher (Harrisburg, USA)

SATURDAY, APRIL 21, 2012

2:00 PM-3:30 PM

ROOM MONTGELASSAAL

SESSION HD-04

Inherited arrhythmia syndromes – New insights from the genetic analyses

Chairpersons: Stefan Käab (Munich, DE), Gordon Tomaselli (Baltimore, USA)

- 1. LQT Syndrome – Beyond the causal Mutation**
Arthur Wilde (Amsterdam, NL)
- 2. Genetics of AF – Why does it matter?**
Patrick Ellinor (Boston, USA)
- 3. Genetics of Sudden Cardiac Death**
Sumeet S. Chugh (Los Angeles, USA)
- 4. Personalized Medicine: Genotyping and targeted therapy – Hype or hope?**
Stefan Käab (Munich, DE)

SATURDAY, APRIL 21, 2012

2:00PM-3:30PM

ROOM PALAISHALLE

Chaired Poster session D

SATURDAY, APRIL 21, 2012

3:30PM-4:00PM

Coffee break

SATURDAY, APRIL 21, 2012

4:00PM-5:30PM

INTERCONTINENTAL SESSIONS

ROOM 1

SYMPOSIUM-SP-07

6th CHINA ECAS Special session

TBA

SATURDAY, APRIL 21, 2012

4:00PM- 5:30PM

ROOM 2

SYMPOSIUM -SP-08

5th JAPAN HRS ECAS Special session

Risk stratification for Sudden Cardiac Death: Biological and genetic markers

Supported by an educational grant from Fukuda Denshi Co., Japan

Chairpersons: Yugi Nakazato (Chiba, JP), Jorgen Kanters (Copenhagen, DK)

- 1. ECG abnormalities of concern**
Toru Iwa (Aichi, JP)
- 2. Prognostic value of T wave alternans**
Takanori Ikeda (Tokyo, JP)
- 3. Autonomic markers of sudden cardiac death**
Brian Olshansky (Iowa, USA)
- 4. Respiration rate dynamics for risk prediction**
Georg Schmidt (Munich, DE)

SATURDAY, APRIL 21, 2012

4:00PM-5:30PM

ROOM 3

SYMPOSIUM-SP-09

4th RUSSIA ECAS Special session

TBA

SATURDAY, APRIL 21, 2012

4:00PM-5:30PM

ROOM 4

SYMPOSIUM-SP-10

2nd INDIAN HRS ECAS Special session

TBA

SATURDAY, APRIL 21, 2012

4:00PM- 5:30PM

ROOM PALAISHALLE

Chaired Poster Session D

SATURDAY, APRIL 21, 2012

5:30PM-6:00PM

ROOM KONIGSSAAL

DEBATE 3

Left atrial ablation alters the natural history of AF

Chairpersons: Albert Waldo (Cleveland, USA), TBA

Protagonist: Douglas Packer (Rochester, USA) (13min)

Antagonist: Harry Crijns (Maastricht, NL) (13min)

Rebuttal: 2 min each

Conclusion

SATURDAY, APRIL 21, 2012

5:30PM-6:00PM

ROOM GELBERSALON

DEBATE 4

ICD should be included in the primary prevention of long QT syndrome

Chairpersons: Melvin Scheinman (San Francisco, USA); TBA

Protagonist: Brian Olshansky (Iowa city, USA) (13 min)

Antagonist : Peter J Schwartz (Pavia, IT) (13 min)

Rebuttal: 2 min each

Conclusion

6:00PM Adjourn

SUNDAY, APRIL 22, 2012

08:30 AM -10:00 AM

ROOM KONIGSSAAL

Oral Abstract session 9

SUNDAY, APRIL 22, 2012

08:30 AM -10:00 AM

ROOM FURSTENSALON

Oral Abstract session 10

SUNDAY, APRIL 22, 2012

08:30 AM -10:00 AM

ROOM GELBERSALON
Oral Abstract session 11

SUNDAY, APRIL 22, 2012

08:30 AM -10:00 AM

ROOM MONTGELASSAAL
Oral Abstract session 12

SUNDAY, APRIL 22, 2012

10:00 AM -10:30 AM

Coffee Break

SUNDAY, APRIL 22, 2012

10:30 AM-12:00 AM

ROOM KÖNIGSSAAL
SESSION - AB-05

Rare or unrecognized complications of AF catheter ablation: How to prevent them?

Chairpersons: Thorsten Lewalter (Munich, DE), Wyn Davies (London, DE)

- 1. The stiff left atrial syndrome**
Luigi Di Biase (Austin, USA)
- 2. Asymptomatic cerebral emboli**
Thomas Deneke (Bad Neustadt, DE)
- 3. Bronchial erosion**
Carl Timmermans (Maastricht, NL)
- 4. Atrio-oesophageal fistula**
Martin Martinek (Linz, AT)

SUNDAY, APRIL 22, 2012

10:30 AM-12:00 AM

ROOM FURSTENSALON

WORKSHOP WS-06

Advances in Syncope Management and orthostatic intolerance

Chairpersons: Jean-Jacques Blanc (Brest, FR), TBA

- 1. Organization of a syncope clinic**
Antonio Raviele (Venice, IT)
- 2. Autonomic dysfunction, syncope and postural orthostatic hypotension**
Blair Grubb (Toledo, USA)
- 3. Syncope in the context of structural heart disease**
Dietrich Andresen (Berlin, DE)
- 4. Postural Orthostatic Tachycardia Syndrome (POTS)**
David Benditt (Minneapolis, USA)

SUNDAY, APRIL 22, 2012

10:30 AM- 12:00 AM

ROOM GELBERSALON

WORKSHOP WS-07

Techniques and tools for AF ablation

Chairperson: Neil Sulke (Eastbourne, GB), Roberto de Ponti (Varese, IT)

- 1. Tips and tricks for transseptal catheterization**
Roberto De Ponti (Varese, IT)
- 2. Complications that can arise and how to manage them**
Eugene Crystal (Toronto, CA)
- 3. Complex techniques including cold balloons, laser balloons in left atrial ablation**
Wyn Davies (London, GB)
- 4. New catheter ablation tools: Real time contact force sensing**
Dipen Shah (Geneva, CH)
- 5. Does AF ablation really work?**
a) In all types of AF? b) In hybrid techniques? c) How should we monitor our results?
Steve Furniss (London, GB)

SUNDAY, APRIL 22, 2012

10:30AM- 12:00PM

ROOM MONTGELASSAAL

SESSION HD-05

Sudden cardiac death and ICDs

Chairpersons: Promound Obel (Johannesburg, ZA), Claude Barnay (Aix en Provence, FR)

- 1. Remote monitoring in hospital clinics**
Robert Hauser (Chicago, USA)
- 2. Non-invasive risk stratification**
Marek Malik (London, GB)
- 3. Prophylactic ICDs in the elderly population: when is it justified?**
Gerhard Steinbeck (Munich, DE)
- 4. Appropriate approach to prevent sudden death in heart failure patients**
Nabil El Sherif (New-York, USA)

SUNDAY, APRIL 22, 2012

12:00PM- 12:30PM

ROOM FURSTENSALON

<p>Presentation of the Best Posters and Awards to the Awardees of the Best Abstracts</p>
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