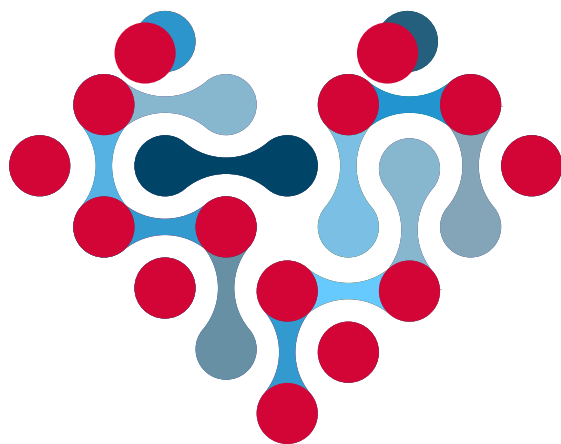


ADVANCE PROGRAMME

EUROPACE EHR 2017

18-21 June
CARDIOSTIM Vienna, Austria



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#ehraeuropace

With the participation of the ESC Working Groups on e-Cardiology and Grown-up Congenital Heart Disease and in conjunction with the 41st Annual Meeting of the ESC Working Group on Cardiac Cellular Electrophysiology.



Welcome Address

Join EHRA in Vienna for EHRA EUROPACE – CARDIOSTIM 2017

EHRA EUROPACE – CARDIOSTIM 2017 promises to be a highly successful congress!

The EHRA Scientific Programme Committee has developed a compelling programme designed to provide attendees with the latest in science and education in the field of cardiac rhythm disorders and therapies.

During this four days congress, highly acclaimed scientific sessions will cover all aspects of pacing and electrophysiology. Delegates will also have the chance to discover new research, learn from world renowned experts and exchange with colleagues and peers.

Dedicated sessions for allied professionals, young electrophysiologists, and women in electrophysiology will be delivered and once again, the congress will be joined by colleagues from the ESC Working Groups on e-Cardiology and on Grown-up Congenital Heart Disease as well as the 41st Annual Meeting on Cardiac Cellular Electrophysiology.

We look forward to welcoming you to the beautiful city of Vienna, and making this congress another success!

Prof. Michael Glikson

EHRA Scientific Programme Chairperson

Prof. Helmut Puererfellner

EHRA Scientific Programme Vice-Chairperson

Dr. Arnaud Lazarus

Cardiostim Scientific Programme Chairperson

Prof. Pierre Jais

Cardiostim Scientific Programme Vice-Chairperson

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Cardiostim Past President



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Prof. Prashanthan Sanders (AUS)
Prof. Jagmeet Singh (USA)
Prof. David Wilber (USA)

Cardiovascular Implantable Electronic Devices

Dr. Michele Brignole (IT)
Prof. Jean Claude Deharo (FR)
Dr. Francis Murgatroyd (GB)
Ass. Prof. Moti Haim (IL)

Catheter Ablation

Prof. Christian Wolpert (DE)
Ass. Prof. Martin Martinek (AT)
Prof. Harry Crijns (NL)
Dr. Luigi DiBiase (IT)

Clinical EP

Prof. Sami Viskin (IL)
Dr. Laurent Pison (NL)
Prof. Richard Schilling (GB)
Prof. Isabel Deisenhofer (DE)
E-cardiology WG rep - Prof. Goran Krstacic (HR)

Heart Failure

Prof. Giuseppe Boriani (IT)
Ass. Prof. Carsten Israel (DE)
Dr. Giuseppe Stabile (IT)
Dr. Eyal Nof (IL)

Innovation

Prof. Frits Prinzen (NL)

Lead and Device Management Summit

Dr. Maria Grazia Bongiorno (IT)

Pediatric / Adult Congenital Heart Disease

Prof. Jan Janousek (CZ)
Dr. Joachim Hebe (DE)
Dr. Nico Blom (ML)
GUCH WG rep - G. Diller (DE)

Regulatory /Health Politics / Education

Dr. Francisco Leyva (GB)
Prof. Giovanni Fattore (IT)
Prof. Paulus Kirchhof (GB)
Dr. Angel Moya (SP)

Scientific documents

Prof. Gregory Y. H. Lip (GB)

VT/VF Summit

Prof. Antonio Beruezzo (SP)

Women in EP

Prof. Andrea Sarkozy (BE)

Young EP

Assist. Prof. Valentina Kutiyfa (USA)

EHRA EUROPACE - CARDIOSTIM 2017 YOUR MUST-ATTEND EVENT!

A top quality scientific programme

The Congress Programme Committee has selected the best presentations among a broad topic list submitted.

The programme will feature new research discoveries:

- **Four Summits** included in the registration fee: VT, AF, Lead Management and eHealth Summit.
- Access cath labs through **LIVE Sessions**.
- Get updated with **the Late Breaking Trial Session**.

This year, we anticipate a record number of abstract submissions: Get updated on the latest researches by attending our various abstract sessions.

Target audience:

Electrophysiologists, Cardiologists, Basic scientists, Cardiac nurses, Intensivists, Anaesthesiologists, Internists, General physicians, Epidemiologists, Industry affiliates, Cardiac physiologists, Physicians-in-training, Medical students, Cardiac technicians...

Meet Worldwide Renowed Experts

Prof. Charles Antzelevitch
(Wynnewood, US)

Prof. Angelo Auricchio
(Lugano, CH)

Prof. Paulus Kirchhof
(Birmingham, GB)

Prof. Josep Brugada Terradellas
(Barcelona, ES)

Dr. Michele Brignole
(Lavagna, IT)

Dr. Stanley Nattel
(Montreal, CA)

Dr. Douglas L Packer
(Rochester, US)

Dr. Andrea Natale
(Austin, US)

Prof. John Camm
(London, GB)

Prof. Sami Viskin
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Prof. Pierre Jais
(Bordeaux, FR)

Prof. Josef Penninger
(Vienna, AT)

Prof. Pedro Brugada Terradellas
(Brussels, BE)

Dr. Vivek Reddy
(New York, US)

Dr. Paolo Della Bella
(Milan, IT)

Dr. Hugh Calkins
(Baltimore, US)

Prof. Lior Gepstein
(Haifa, IL)

Prof. Hein Heidbuchel
(Edegem, BE)

Dr. Michael R Gold
(Charleston, US)

Dr. Francis Marchlinski
(Philadelphia, US)

Key figures :

4 Days of scientific exchange
5 720+ Healthcare professionals
450+ International expert faculty members
1 500+ Abstracts and clinical cases submitted

140+ Scientific sessions
2000 m2+ Exhibition showcase
20+ Industry sponsored sessions



	SOKOLOV	SENNING	WENCKEBACH	MOBITZ	MIROWSKI	FURMAN	COUNEL	HIS	DAMATO	ELMQUIST
08:30 10:00		P Atrial fibrillation ablation: what do registries tell us ?	EP The 12 lead ECG as a daily, indispensable, companion - Part 1	VT Recent advances in VT ablation: any effect on outcome?	AFIB Atrial fibrillation, individual patients, individual therapies	LEAD Effective and safe lead extraction: meet the experts	ICD/CRT Gender issues in ICD and CRT therapy	G Inherited arrhythmogenic diseases: genetics, risk stratification and sudden cardiac death	WG Regulation of cardiac ion channels	
10:00 11:00	Coffee Break					Coffee Break				
11:00 12:30	ICD/CRT Predicting ICD therapies in the real world	P Cardiac devices: insights from registries	EP The 12 lead ECG as a daily, indispensable, companion - Part 2	VT VT-Ablation: how to deal with difficult substrates	AFIB New technologies in catheter ablation of atrial fibrillation: toy or tool?	LEAD How to get it done safely: lead extraction cases	NAP This house believes that health care workers should sub-specialise in either EP or Device management	G The multiple facets of arrhythmogenic ventricular cardiomyopathy	WG Intracellular ion homeostasis in the heart	P/P Single ventricle and transposition of great arteries: challenges for the electrophysiologist
12:45 13:45	LUNCH BREAK / SATELLITE SYMPOSIA					LUNCH BREAK / SATELLITE SYMPOSIA				
14:00 15:30	ICD/CRT Indications for ICDs in 2017	P Innovative cardiac devices: do registries help innovation ?	EP Interactive ECG interpretation of tachycardias	VT Treatment of electrical storm: how to improve outcome	AFIB How to prevent and handle complications in catheter ablation of atrial fibrillation	LEAD The nightmare of devices infections: best strategies	NAP Local Language Track Developing knowledge in Austrian Nurses and AHPs PART I	G Gene and molecular therapies for cardiac arrhythmias and SCD		P/P Repaired tetralogy of Fallot - An evidence based approach to arrhythmias
15:30 16:30	Coffee Break					Coffee Break				
16:30 18:00		SS Honorary Lecture	EP Focal atrial tachycardia: how to find the "hot spot"	VT How to avoid complication in VT ablation?	AFIB The best strategy for ablation of persistent atrial fibrillation: who makes the race?	LEAD CIEDs and Lead technology: failures and fears	NAP Local Language Track Developing knowledge in Austrian Nurses and AHPs PART II	G Genetic discoveries to improve arrhythmia treatment	WG Ion channel trafficking in the heart	P/P Antibradycardia pacing in children
18:15 19:15	INAUGURAL SESSION									

SS	ICD/CRT	P	EP	VT	AFIB	LEAD	NAP	G	WG	P/P
Special Session	ICD and CRT	Documents registries and policy	EP Educational Track	VT SUMMIT	AFIB SUMMIT	LEAD SUMMIT	Nurses / Allied Professionals	Genetics	41 st Meeting of the ESC Working Group on Cardiac Cellular Electrophysiology	Paediatric / Pregnancy

	SOKOLOV	SENNING	WENCKEBACH	MOBITZ	MIROWSKI	FURMAN	COUNEL	HIS	DAMATO	ELMQUIST
08:30 10:00	SS Late Breaking Trial Session	Y/W Best research by young electrophysiologists	EP Atrial flutter: more than one of a kind	ABL How to ablate PVCs: From the RVOT to the aortic cusp and beyond	CL Sinus rhythm is better than atrial fibrillation: the "rate vs. rhythm" studies revisited in the era of ablation	P&S CIED infections: emerging issues, diagnostic and therapeutic modalities	NAP Arrhythmias and heart failure	WG Translation of cardiac cellular electrophysiology	P Screening for atrial fibrillation and device detected subclinical atrial tachyarrhythmias: EHRA position document	E-H Remote monitoring of implantable devices: disease management or just device management?
10:00 11:00	Coffee Break					Coffee Break				
11:00 12:30	SS Strong statements and controversies in EP	Y/W Young meets experienced – A case based session by the EHRA Young EP	EP AV-nodal-re-entrant tachycardia: effective and safe modification AV-nodal conduction	ABL Antiarrhythmic therapy in patients on ventricular assist devices	CL Controversies in ablation therapy: asymptomatic atrial fibrillation and atrial fibrillation in heart failure	WG Carmeliet-Coraboeuf-Veidmann lecture	NAP Management of patients with atrial fibrillation: role of nurses and AHPs	P&S Alternative pacing sites to prevent heart failure	P Antithrombotic therapy in valvular atrial fibrillation: joint position document from EHRA and WG thrombosis	E-H The power of electronic health records and computational technologies
12:45 13:45	LUNCH BREAK / SATELLITE SYMPOSIA					LUNCH BREAK / SATELLITE SYMPOSIA				
14:00 15:30	ICD/CRT ICD therapy in inherited cardiac disorders: indications and identification of the best system for the appropriate patient	Y/W The future is just ahead: young electrophysiologist initiatives of the world	EP WPW Syndromes revisited: from the ECG to AP-potentials	ABL Innovative implants for heart failure patients	CL Subclinical atrial fibrillation: how much is too much?	P&S Pacing indications - State of the art 2016	NAP Allied health professional role development in arrhythmia diagnosis and management		P Scientific documents from EHRA	A/A The role of the ever growing amount of data: smart data will improve the quality of care
15:30 16:30	Coffee Break					Coffee Break				
16:30 18:00	ICD/CRT Learning from the expert: CRT implantation techniques	Y/W Practical approaches in the catheter ablation of complex arrhythmias	EP The ECG and the risk of sudden death	ABL Newer devices: coming soon in the arena of clinical practice?	CL New strategies for prediction, prevention and treatment of atrial fibrillation	P&S Conduction and pacing induced cardiomyopathy	NAP Tips for service development presentations and publishing results - Potential abstract development	WG Novel avenues for cardiac cellular electrophysiology	P Atrial fibrillation ablation update, joint document with HRS	E-H The asymptomatic athlete with abnormal ECG: all sports forbidden?

SS	ICD/CRT	Y/W	EP	ABL	CL	P&S	NAP	WG	P	E-H	A/A
Special Session	ICD and CRT	Young electrophysiologist /Women in electrophysiology	EP Educational Track	Ablation	Clinical	Pacing and syncope	Nurses / Allied Professionals	41 st Meeting of the ESC Working Group on Cardiac Cellular Electrophysiology	Documents registries and policy	e-health SUMMIT	Arrhythmias in athletes

	SOKOLOV	SENNING	WENCKEBACH	MOBITZ	MIROWSKI	FURMAN	COUMEL	HIS	DAMATO	ELMQUIST
08:30 10:00	ICD/CRT How to improve the benefits of CRT?	SS LIVE SESSION I : Focus on AF ablation	EP SVT ablation: from the rare to the difficult: a case based tutorial	AF Left atrial appendage occlusion: state of the art 2017	IT Innovations for better patient care: reports from the EHRA Innovation Forum	P&S Device programming for pacing in special scenarios and populations	CL Anticoagulation for non-valvular atrial fibrillation in 2017	ECG New technologies for prolonged ECG monitoring: how, when and for whom?	ECG Medical treatment of channelopathies: effective and safe?	BE Hypertrophic cardiomyopathy genetics and clinical management
10:00 11:00	Coffee Break					Coffee Break				
11:00 12:30	ICD/CRT Srenous fights on CRT	SS LIVE SESSION II : MRI interventional suites and MRI-guided ablation	EP Ablation of atrial macroreentrant tachycardia: tips and tricks	AF Approach to atrial fibrillation patients: highlights from Central-Eastern Europe	IT Crash course for inventors	P&S Leadless Pacemaker: the future of cardiac pacing?	CL State of the art on anticoagulation	ECG 12-lead ECG: diagnostic and prognostic value	ECG Pharmacological therapy in AF	BE Back to nature? The rise of biologicals to replace catheters, drugs and devices in antiarrhythmic therapy
12:45 13:45	LUNCH BREAK / SATELLITE SYMPOSIA					LUNCH BREAK / SATELLITE SYMPOSIA				
14:00 15:30	ICD/CRT CRT implants: nightmares in the lab	SS LIVE SESSION III : Focus on VT ablation	EP EP fundamentals: what everyone should know	AF Hybrid ablation in persistent atrial fibrillation: the ultimate heart team approach	IT Finals of EHRA inventors award and Cardiotim innovators award	P&S CIEDs after cardiac procedures	CL Stroke and bleeding in atrial fibrillation: difficult management issues	ECG Electrocardiogram, Holter recordings and remote monitoring for preventing malignant ventricular arrhythmias	P Is it worth the money? Cost-effectiveness in electrophysiology	BE Late sodium current and cardiac arrhythmias: a basic and translational update
15:30 16:30	Coffee Break					Coffee Break				
16:30 18:00	ICD/CRT CRT: widening of the QRS or widening of the indications?	YW Practical management approaches of female patients with challenging arrhythmias	EP Burning issues in catheter ablation in 2017	AF Controversies in Afib ablation	IT Innovation Parade	P&S Syncope management: now and future	CL Cancer therapy and arrhythmias	ECG Arrhythmic substrate characterisation in the ventricles	P Improving efficacy in the EP lab: work flow, process optimisation and economical balance	P Data and evidence in ICD and CRT patients: what's the value?

SS	ICD/CRT	YW	EP	AF	IT	P&S	CL	ECG	P	BE
Special Session	ICD and CRT	Young electrophysiologist / Women in electrophysiology	EP Educational Track	Atrial Fibrillation	Innovation track	Pacing and syncope	Clinical	ECG and e-cardiology	Documents registries and policy	Basic Electrophysiology

	SOKOLOV	SENNING	WENCKEBACH	MOBITZ	MIROWSKI	FURMAN	COUMEL	HIS	DAMATO	ELMQUIST
08:30 10:00				EP Keep cool: expert approaches for atrial fibrillation cryo ablation	IT What's the future of ICD therapy	P&S Falling down: Asystolic syncope	CL Athlete with abnormal ECG: the experts' approach in 2017	ECG Cost effectiveness of device telemonitoring is it worth it ?	ABL New frontiers and indications for catheter ablation	
10:00 11:00	Coffee Break					Coffee Break				
11:00 12:30				SS EHRA EUROPACE - CARDIOTIM 2017 Highlights						
12:45 13:45				Closing Ceremony						

EP	IT	P&S	CL	ECG	ABL
EP Educational Track	Innovation track	Pacing and syncope	Clinical	ECG and e-cardiology	Ablation

Registration fees

	DEADLINE	STANDARD		BASIC SCIENTIST NON-CLINICAL (BORN AFTER 1981)***		NURSE & ALLIED PROFESSIONALS***	
		Non members	EHRA members	Non members	EHRA members	Non members	EHRA members
ONLINE	Early fee - 17 April 2017	€780	€600	€390	€310	€310	€250
	Late fee - 18 May 2017	€850	€650	€430	€340	€330	€280
	Last minute - 12 June 2017	€970	€750	€485	€400	€370	€300



REGISTER NOW

SPECIAL RATES

- ESC Working Group on Cardiac Cellular Electrophysiology, e-Cardiology, Grown-up Congenital Heart Disease Members**: standard registration at **€320**
- Nurse: day ticket at **€100**

Day Tickets

Sunday, Monday and Tuesday €480
Wednesday (morning only) €360

The registration fees include 20% Austrian VAT. Please read the General Conditions.

* The EHRA member fees are reserved for members of the European Heart Rhythm Association (EHRA) for 2017. The 2017 EHRA Membership renewal will open mid November. Find out more about all the benefits of the EHRA membership on the EHRA Web Site.

** The ESC Working Groups member fees are reserved for members of the ESC Working Groups on Cardiac Cellular Electrophysiology - e-Cardiology and Grown-up Congenital Heart Disease with membership validated before 15 October 2016 (Midnight GMT+1)

*** Reduced fees:

- Nurses, Allied Professionals and Basic Scientists non-clinician: a statement on official letterhead proving your status, both signed and stamped by your Head of Department, must be uploaded during the registration process.

- Born after 01.01.1981: please provide a copy of your identity card or passport.

Book your hotel



**Best booking flexibility
at an attractive discount**

The ESC has appointed Mondial GmbH in Vienna as its official housing agency for hotel reservations for EHRA EUROPACE-CARDIOSTIM 2017.

Mondial has selected a number of hotels with negotiated rates either close to the congress centre or in the city centre with easy access.



BOOK NOW

You will be transferred to the online booking system of Mondial.

Telephone requests cannot be accepted.

For group reservation requests please contact Mondial directly by email:

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If you are contacted by any other company or agency offering housing for this congress, please note that these companies are not authorised to represent the ESC in any way, nor do they have access to the officially contracted ESC room blocks or rates.

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EUROPACE **EHRA 2017**
CARDIOTIM

— **Sunday 18 June 2017** —
SCIENTIFIC PROGRAMME

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VT AND VF SUMMIT, ATRIAL FIBRILLATION SUMMIT, LEAD AND DEVICE MANAGEMENT SUMMIT

EDUCATIONAL TRACK

LOCAL LANGUAGE TRACK

41ST MEETING OF THE ESC WORKING GROUP ON CARDIAC CELLULAR ELECTROPHYSIOLOGY

8:30 - 10:00 MAIN SESSION SENNING

Atrial fibrillation ablation: what do registries tell us ?

- EORP registry: what determines a good outcome from atrial fibrillation ablation in the 'real world'.
- European Atrial Fibrillation Ablation Registry: do outcomes in the real-world compare with trials ?
- Epicardial/hybrid atrial fibrillation ablation registry (EHAFAR): how does a hybrid approach compare to a transcatheter approach ?
- Practice in perspective: can registry data guide future developments in atrial fibrillation ablation?

08:30 - 10:00 MEET THE EXPERTS WENCKEBACH

The 12 lead ECG as a daily, indispensable, companion - Part I

Educational Track



08:30 - 10:00 MAIN SESSION MOBITZ

Recent advances in VT ablation: any effect on outcome?

Joint Session with the Sociedade Brasileira de Arritmias Cardiacas
VT and VF Summit



- Image integration for improvement of success of VT ablation.
- Pace-mapping guided VT ablation.
- Endo-/epicardial ablation for ischemic diseases.
- Endo-/epicardial ablation in non-ischemic diseases.

8:30 - 10:00 SYMPOSIUM MIROWSKI

Atrial fibrillation, individual patients, individual therapies

Atrial Fibrillation Summit

- Atrial fibrillation in the channelopathies.
- Atrial fibrillation in hypertrophic cardiomyopathy.
- Atrial fibrillation and heart failure.
- Atrial fibrillation: value of personalised therapy and integrated care.

8:30 - 10:00 MEET THE EXPERTS FURMAN

Effective and safe lead extraction: meet the experts

Lead and Device Management Summit

- Powered or non-powered lead extraction: does it make a difference?
- How do I proceed with lead extraction when a stylet cannot be introduced?
- When do I propose elective surgical lead extraction procedure?

8:30 - 10:00 SYMPOSIUM COUMEL

Gender issues in ICD and CRT therapy

- Electrophysiologic differences by gender.
- Differential susceptibility to ventricular arrhythmias by gender: clinical data.
- Differential effects of ICD and CRT in Women.
- Why women don't get it?

8:30 - 10:00 MAIN SESSION HIS

Inherited arrhythmogenic diseases: genetics, risk stratification and sudden cardiac death

- How to interpret Lab results in genetic arrhythmias counseling?
- Novel risk stratification tools for inherited arrhythmias.
- What is new in early repolarisation?
- Genetics of SCD and idiopathic VF: the clinical value of molecular autopsy and family screening.

08:30 - 10:00 FEATURED SYMPOSIUM DAMATO

Regulation of cardiac ion channels

41st Meeting of the ESC Working Group on Cardiac Cellular Electrophysiology

11:00 - 12:30 SYMPOSIUM SOKOLOV

Predicting ICD therapies in the real word

- New data on the incidence and predictors of ICD therapy and survival - Lesson from the Israeli ICD registry.
- The role of imaging in risk stratification.
- Autonomic markers of arrhythmic risk.
- Risk stratification and mortality in 2016: implications for ICD implantation?

11:00 - 12:30 MAIN SESSION SENNING

Cardiac devices: insights from registries

- Co-morbidity and outcomes from device therapy: Insights from the Registry of Emilia Romagna on Arrhythmia Interventions (RERAI).
- Does gender influence the outcome of device or are clinical characteristics different in women? The Multicentre French Registry.
- Is practice in device therapy changing? The pacemaker implantable cardioverter-defibrillator Registry of the Italian Association of Arrhythmology and Cardiac Pacing (AIAC).
- Are heart failure patients receiving guideline-indicated device therapy: the european heart failure registry.

11:00 - 12:30 MEET THE EXPERTS WENCKEBACH

The 12 lead ECG as a daily, indispensable, companion - Part 2

Educational Track



11:00 - 12:30 SYMPOSIUM MOBILTZ

VT-Ablation: how to deal with difficult substrates

VT and VF Summit

- Ablation of papillary muscle tachycardia.
- Ablation in sarcoidosis and ARVC: the need for the epicardial approach.
- Ablation of trigger PVC in idiopathic VF and in post AMI.
- Septal VT ablation.

11:00 - 12:30 SYMPOSIUM MIROWSKI

New technologies in catheter ablation of atrial fibrillation: toy or tool?

Atrial Fibrillation Summit

- The impact of contact force on procedure outcome.
- Rotor ablation: any proven indication?
- Ablation of autonomic ganglia: hope or hype?
- High density mapping: toy or tool?

11:00 - 12:30 SYMPOSIUM FURMAN

How to get it done safely: lead extraction cases

Lead and Device Management Summit

- Predicting lead extraction peri-procedural complications?
- Optimal preparation of the patient when lead extraction is planned.
- Optimal preparation of a lead-extracting center.
- One year after lead extraction: lessons from the ELECTRa Registry.

11:00 - 12:30 DEBATE SESSION COUMEL

This house believes that health care workers should sub-specialise in either EP or Device management'

- Initial vote from the audience and chairperson.
- Health care workers should sub-specialise in either EP or Device management: the case FOR sub-specialism - PRO.
- Health care workers should sub-specialise in either EP or Device management: the case AGAINST sub-specialism - CONTRA.
- Health care workers should sub-specialise in either EP or Device management - Rebuttle PRO.
- Health care workers should sub-specialise in either EP or Device management - rebuttal CONTRA.
- Questions and Answers.
- Final vote from the audience.

11:00 - 12:30 SYMPOSIUM HIS

The multiple facets of arrhythmogenic ventricular cardiomyopathy

- The role of genetics for probands patients and family members.
- Molecular pathogenesis of ARVC.
- What's needed for diagnosis and risk stratification?
- Current therapeutic concepts - A summary of the 2015 international task force consensus statement.

11:00 - 12:30 FEATURED SYMPOSIUM DAMATO

Intracellular ion homeostasis in the heart

41st Meeting of the ESC Working Group on Cardiac Cellular Electrophysiology

11:00 - 12:30 MAIN SESSION ELMQUIST

Single ventricle and transposition of great arteries: challenges for the electrophysiologist

- Post-surgical anatomy.
- Arrhythmias and catheter ablation in single ventricle patients.
- Arrhythmias and catheter ablation in TGA patients.
- Role of surgical ablation and implantation techniques for cardiac resynchronisation therapy.

14:00 - 15:30 DEBATE SESSION SOKOLOV

Indications for ICDs in 2017

- After DANISH: primary prevention of SCD with the ICD in NICM is dead!
- After DANISH: primary prevention of SCD with the ICD in NICM is still alive!
- SC ICD for most patients without pacing indication - PRO.
- SC ICD for most patients without pacing indication - CONTRA.

14:00 - 15:30 SYMPOSIUM SENNING

Innovative cardiac devices: do registries help Innovation ?

- How does the S-ICD compare with a transvenous ICD? - The EFFORTLESS registry.
- The MICRA registry: prime time for the leadless pacemaker?
- How does a registry influence Innovation? - The Kaiser Permanente-Cardiac Device Registry.
- Are registries for regulation or for Innovation?

14:00 - 15:30 SYMPOSIUM WENCKEBACH

Interactive ECG interpretation of tachycardias

Educational Track

ECG discussion and interaction with the audience

- ECG 1. Supraventricular tachycardia narrow QRS complex.
- ECG 2. Ventricular tachycardia.
- ECG 3. Tachycardia with wide QRS complex.

14:00 - 15:30 SYMPOSIUM MOBITZ

Treatment of electrical storm: how to improve outcome

VT and VF Summit

- Electrical storm: what is the best timing for intervention?
- Ablation strategy in electrical storm.
- Drugs or ablation: Is there a difference in recurrence rate and survival?
- Failed ablation: what is next?

14:00 - 15:30 SYMPOSIUM MIROWSKI

How to prevent and handle complications in catheter ablation of atrial fibrillation

Atrial Fibrillation Summit

- Introduction: the most important complications of catheter ablation.
- Tamponade: recognition and treatment.
- Phrenic nerve palsy: how to avoid?
- PV stenosis: still an issue!
- Atrial esophageal fistula: prevention and treatment.

14:00 - 15:30 SYMPOSIUM FURMAN

The nightmare of devices infections: best strategies

Lead and Device Management Summit

- Is it an early pocket infection? incisional infection? Early post implantation inflammation?
- What to do with contra-lateral leads in case of ipsi-lateral infection?
- How do you "bridge" your patients before reimplantation?
- Reimplantation epicardial? endocardial? subcutaneous? lead less?

14:00 - 15:30 SYMPOSIUM COUMEL

Developing knowledge in Austrian Nurses and AHPs PART I. German speaking stream for local nurses and AHPs

Local language session - Presentation will be given in German with slides in English.

- Trans septal puncture, what's the nurses role: complications that can arise.
Transseptal punktion, die rolle der krankenschwester: komplikationen das auftreten kann.
- EPU: what are all those lines on the monitor? Making sense of what, where and how to look and interpret.
EPU: was sind alle diese Linien auf dem Monitor? Sinnvoll von dem, was, wo und wie sie aussehen
- Mapping systems for beginners: tips and tricks for best results.
Mapping-systeme für anfangler: tipps und tricks für die besten ergebnisse.
- Telemonitoring: nurse-led telemonitoring.
Telemonitoring: krankenschwester geführten telemonitoring.

14:00 - 15:30 SYMPOSIUM HIS

Gene and molecular therapies for cardiac arrhythmias and SCD

- Gene therapy calcium handling dysfunction in heart failure.
- Gene therapy of inherited arrhythmias.
- Molecular strategies to treat post MI arrhythmias.
- Gene therapy: the future of personalised atrial fibrillation management?

14:00 - 15:30 MAIN SESSION ELMQUIST

Repaired tetralogy of Fallot - an evidence based approach to arrhythmias

- Post-surgical anatomy.
- Catheter and surgical ablation strategies.
- Prevention of sudden cardiac death.
- Pacing approach to right heart failure.

16:30 - 18:00 SPECIAL SESSION SENNING

Honorary Lecture

- Intercontinental lecture. Atrial Fibrillation: what went wrong? What went right? What do we need to do next?.
- Einthoven Lecture: 50 years of clinical electrophysiology.

16:30 - 18:00 HOW-TO SESSION WENCKEBACH

Focal atrial tachycardia: how to find the "hot spot"

Educational Track

- Lessons from the surface ECG and body surface mapping.
- Conventional fluoroscopically-guided mapping and pace mapping of focal atrial tachycardia.
- 3-D non-fluoroscopic mapping and ablation of focal atrial tachycardia.
- Multifocal atrial tachycardia.

16:30 - 18:00 SYMPOSIUM MOBITZ

How to avoid complication in VT ablation?

VT and VF Summit

- Access site, material and technique for epicardial puncture
- How to avoid embolism, phrenic palsy and erosion of the coronary arteries.
- When to use retrograde, antegrade, epicardial or robotic in VT ablation?
- Management of complications: what do we all need to know?

16:30 - 18:00 SYMPOSIUM MIROWSKI

The best strategy for ablation of persistent atrial fibrillation: who makes the race?

Atrial Fibrillation Summit

- Solid PVI only is still enough.
- Mapping in sinus rhythm: substrate modification makes the difference.
- Mapping AF in AF: rotors and termination strategies.
- Non PV trigger ablation and LAA isolation.



16:30 - 18:00 SYMPOSIUM FURMAN

CIEDs and Lead technology: failures and fears

Lead and Device Management Summit

- Sprint Fidelis lead advisory: nearly 10 years.
- Riata leads: 6 years after the advisory.
- Batterie issues: how to handle?
- Quadripolar left ventricular pacing leads: safe technology?

16:30 - 18:00 SYMPOSIUM COUMEL

Developing knowledge in Austrian Nurses and AHPs PART II. German speaking stream for local nurses and AHPs

Local language session - Presentation will be given in German with slides in English.

- Update CPR guidelines, are we retraining often enough?
Aktualisiert CPR-richtlinien werden umschulung oft genug?
- Sudden cardiac death in sports « help people learn how they can save lives”.
Plötzlichen herztod im sport „ Menschen helfen zu lernen, wie sie Leben retten können“!
- Defibrillators, AEDs, life vests and ICDs “ not all shocks are created equal”.
Defibrillatoren; AED, life vests und ICDs «nicht alle schocks sind gleich”.
- 1st CIED control after implant: optimised programming.
Erste CIED kontrolle nach der implantation: optimierte programmierung.

16:30 - 18:00 SYMPOSIUM HIS

Genetic discoveries to improve arrhythmia treatment

- Genetics, GWAS, and sudden cardiac death: an update.
- Advanced in using IPS modeling...
- Systematic family screening to reduce the burden of SCD in the young.
- What have we learned about AF mechanisms from GWAS?
- Whole population screening for genetic mutations that cause inherited arrhythmia syndromes in Iceland.
Is it realistic (and useful)?

16:30 - 18:00 FEATURED SYMPOSIUM DAMATO

Ion channel trafficking in the heart

41st Meeting of the ESC Working Group on Cardiac Cellular Electrophysiology

16:30 - 18:00 MAIN SESSION ELMQUIST

Antibradycardia pacing in children

- Evolving indications: what is new?
- Pacing system survival: things to improve.
- Lead implantation and extraction issues.
- Hemodynamic optimisation and CRT

18:15 - 19:15 SPECIAL EVENT SOKOLOV

Inaugural Session

Followed by a Networking Reception in the exhibition



— Monday 19 June 2017 —

SCIENTIFIC PROGRAMME

For more information, check the most up to date programme on:

Scientific Programme & Planner:

www.escardio.org/EUROPACE

The 'EHRA 2017' Mobile App

available on App Store ® / Google play

E-HEALTH SUMMIT

EDUCATIONAL TRACK

41ST MEETING OF THE ESC WORKING GROUP
ON CARDIAC CELLULAR ELECTROPHYSIOLOGY

8:30 - 10:00

SPECIAL SESSION

SOKOLOV

Late Breaking Trial Session

Presenters from around the world will share the very results of their trials.

8:30 - 10:00

SYMPOSIUM

SENNING

Best research by young electrophysiologists

In this session young EPs will present their best published research papers in 2016-2017

8:30 - 10:00

HOW-TO SESSION

WENCKEBACH

Atrial flutter: more than one of a kind



Educational Track

- Understanding the surface ECG in atrial macro-re-entrant tachycardia.
- Electrophysiologic assessment, activation and entrainment mapping.
- Scar related atrial macro-re-entrant tachycardia in the right atrium.
- Atrial macro-re-entrant tachycardia after atrial fibrillation ablation.

8:30 - 10:00

HOW-TO SESSION

MOBITZ

How to ablate PVCs: From the RVOT to the aortic cusp and beyond

Joint Session with the Japanese Heart Rhythm Society (JHRS)



- Localisation of the source.
- RVOT and LVOT.
- Ablation at uncommon sites.
- Ablation of epicardial origine

08:30 - 10:00

SYMPOSIUM

MIROWSKI

Sinus rhythm is better than atrial fibrillation: the "rate vs. rhythm" studies revisited in the era of ablation

- What do the "rate vs. rhythm control" studies really tell us?
- Ablate atrial fibrillation to improve quality of life.
- Ablate atrial fibrillation to improve CHF and prevent ICD shocks.
- Ablate atrial fibrillation to prevent stroke.

08:30 - 10:00

SYMPOSIUM

FURMAN

CIED infections: emerging issues, diagnostic and therapeutic modalities

- Infection of subcutaneous ICD: not an issue?
- Leadless pacemaker infection: does it exist and how to manage?
- The antibiotic envelope: shall we use it for all implants?
- PET Scan: does it help?

08:30 - 10:00

SYMPOSIUM

COUMEL

Arrhythmias and heart failure

- Atrial fibrillation and heart failure – Which condition comes first and does it affect management?
- Devices in heart failure: ethics and decision making at device implant.
- VT ablation in patients with heart failure and ICD storm - Which patients are appropriate and should we deliver a 24/07 service?
- Let's talk about death: end of life management in patients with devices.

11:00 - 12:30

FEATURED SYMPOSIUM

HIS

Translation of cardiac cellular electrophysiology

41st Meeting of the ESC Working Group on Cardiac Cellular Electrophysiology

08:30 - 10:00

MAIN SESSION

DAMATO

Screening for atrial fibrillation and device detected subclinical atrial tachyarrhythmias:
EHRA position document

- Rationale for screening.
- Tools for screening.
- Screening strategies.
- Role of the GP, healthcare costs and patient acceptance.
- What the consensus document says?

8:30-10:00

SPECIAL SESSION

ELMQUIST

Remote monitoring of implantable devices: disease management or just device management?

e-Health Summit

With the contribution of the ESC WG e-cardiology and the EHRA Study Group e-health and digital rhythm

- OptiLink: disease management using optivol.
- REM-HF: Is weekly monitoring worthwhile?
- TRUST and IN-TIME: Hope for the future?
- Implantable monitoring-only technologies: CardioMEMS and LAPTOP.

11:00 - 12:30

SPECIAL SESSION

SOKOLOV

Strong statements and controversies in EP

- LAA- occlusion does not reduce ischemic stroke!
- Panel discussion.
- Remote device monitoring does not improve outcome!
- Panel discussion.
- VT ablation does not reduce mortality!
- Panel discussion.

11:00 - 12:30

MEET THE EXPERTS

SENNING

Young meets experienced – A case based session by the EHRA Young EP

This session will encompass intriguing cases moderated by experienced EPs



11:00 - 12:30

HOW-TO SESSION

WENCKEBACH

AV-nodal-re-entrant tachycardia: effective and safe modification AV-nodal conduction**Educational Track**

- Understanding the AV-node: anatomy, fluoroscopic anatomy and catheter positions.
- Basic assessment of AV-nodal conduction properties and of different input mechanisms into the AV node.
- Target sites for AV-node modification.
- Catheter ablation of atypical AVNRT.

11:00 - 12:30

SYMPOSIUM

MOBITZ

Antiarrhythmic therapy in patients on ventricular assist devices**Joint Session with Acute Cardiovascular Care Association (ACCA)**

- Acute mechanical support as part of arrhythmia management.
- LVAD technologies now and in the future.
- Ablation in LVAD patients.
- CIEDs and LVAD patient.

11:00 - 12:30

DEBATE SESSION

MIROWSKI

Controversies in ablation therapy: asymptomatic atrial fibrillation and atrial fibrillation in heart failure

- Patients with paroxysmal atrial fibrillation should undergo ablation, even if asymptomatic, to prevent stroke and life-long anticoagulation - PRO.
- Patients with paroxysmal atrial fibrillation should undergo ablation, even if asymptomatic, to prevent stroke and life-long anticoagulation - CONTRA.
- Ablation of atrial fibrillation should be used frequently in heart failure - PRO.
- Atrial fibrillation ablation is rarely needed in heart failure - CONTRA.

11:00 - 12:30

FEATURED SYMPOSIUM

FURMAN

Carmeliet-Coraboeuf-Weidmann lecture**41st Meeting of the ESC Working Group on Cardiac Cellular Electrophysiology**

11:00 - 12:30

SYMPOSIUM

COUMEL

Management of patients with atrial fibrillation: role of nurses and AHPs

- The ESC 2016 guidelines on the management of atrial fibrillation: what's in it for nurses and AHPs?
- Atrial fibrillation and ablation therapy: who gains most benefit: the electrophysiologist or the patient?
- Post-discharge ECG Holter monitoring in recently hospitalised individuals with chronic atrial fibrillation to enhance therapeutic monitoring and identify potentially predictive phenotypes.
- What do patients with atrial fibrillation want from services? The patient perspective.

11:00 - 12:30

SYMPOSIUM

HIS

Alternative pacing sites to prevent heart failure

- His bundle pacing rationale technique and results.
- RV outflow tract and RV septal pacing.
- CRTP in brady indications.
- How to avoid tricuspid damage by pacing.

11:00 - 12:30

MAIN SESSION

DAMATO

Antithrombotic therapy in valvular atrial fibrillation: joint position document from EHRA and WG thrombosis

- Epidemiology of valvular atrial fibrillation and implications for stroke/thromboembolism.
- Evidence for antithrombotic therapy from trials.
- Evidence for antithrombotic therapy from observational cohorts.
- Mechanical heart valves, bioprostheses, TAVI.
- What the consensus document says.

11:00 - 12:30

SYMPOSIUM

ELMQUIST

The power of electronic health records and computational technologies**e-Health Summit****With the contribution of the ESC WG e-cardiology and the EHRA Study Group e-health and digital rhythm**

- Genetics of Long QT and electronic health records.
- Computational prediction of acquired Long QT and drug-induced Torsades de Pointes.
- In silico assessment of cardiac safety of anti-arrhythmic drugs
- Long QT in digital ECG of general population: significance and genetics

14:00 - 15:30

SYMPOSIUM

SOKOLOV

ICD therapy in inherited cardiac disorders: indications and identification of the best system for the appropriate patient

- ICD therapy in J Wave syndrome.
- ICD therapy in LQTS.
- ICD therapy in ARVC.
- ICD in athletes - Special consideration.

14:00 - 15:30

SYMPOSIUM

SENNING

The future is just ahead: young electrophysiologist initiatives of the world

Joint Session with EHRA – HRS – SOLEACE – Brazil – APHRS



- EHRA: our view on AF ablation. Discussion.
- HRS: our view on heart failure implants. Discussion.
- SOLEACE: our view on VT ablation. Discussion.
- APHRS: our view on stroke prevention. Discussion.
- Questions and Answers.

14:00 - 15:30

HOW-TO SESSION

WENCKEBACH

WPW Syndromes revisited: from the ECG to AP-potentials



Educational Track

- Where is the pathway: precise AP localization from the surface ECG.
- Electrophysiologic assessment of accessory pathway conduction properties.
- Identification of successful ablation sites: AP potentials and other criteria.
- Variants of pre-excitation: the wired and tough stuff.

14:00 - 15:30

HOW-TO SESSION

MOBITZ

Innovative implants for heart failure patients



Mobile App - Voting session

- Spinal cord neuromodulation.
- Vagal stimulation devices.
- Intracardiac shunt devices.
- Leadless technology for CRT.

14:00 - 15:30

SYMPOSIUM

MIROWSKI

Subclinical atrial fibrillation: how much is too much?

- Multiple APCs as precursors of atrial fibrillation.
- How to screen for atrial fibrillation in high risk population.
- Device detected atrial fibrillation: how much is too much?
- Subclinical atrial fibrillation in cryptogenic stroke.

14:00 - 15:30

SYMPOSIUM

FURMAN

Pacing indications - State of the art 2016

Joint Session with the Cardiac Arrhythmia Society of Southern Africa (CASSA)



- Carotid sinus and vasovagal syncope.
- Sinus node dysfunction.
- Bundle branch block.
- Mode Selection and the role of different pacing minimisation algorithms.

14:00 - 15:30

SYMPOSIUM

COUMEL

Allied health professional role development in arrhythmia diagnosis and management

- Nurse-led palpitations diagnostic clinics: the middlesbrough experience.
- Remote monitoring: getting the best out of your remote clinics.
- Novel interventions to improve the arrhythmia patient pathway: do we have evidence of effectiveness?
- Post ablation follow-up and the importance of risk factor management: a job for a doctor or an advanced nurse practitioner?

14:00 - 15:30

MAIN SESSION

DAMATO

Scientific documents from EHRA

- Women in EP: radiation exposure during pregnancy.
- Management of arrhythmias in hypertension.
- Arrhythmias in grown up congenital heart disease.
- Device detected subclinical atrial tachyarrhythmias: what's the evidence.
- Device detected subclinical atrial tachyarrhythmias: what the consensus document says.

14:00 - 15:30

SPECIAL SESSION

ELMQUIST

The role of the ever growing amount of data: smart data will improve the quality of care

e-Health Summit

With the contribution of the ESC WG e-cardiology and the EHRA Study Group e-health and digital rhythm

- Data derived from wearables.
- Deriving clinically relevant information from big data.
- Google's deep mind and Innovation in healthcare.
- IBM's Watson: Innovation to improve Innovation.

16:30 - 18:00

SYMPOSIUM

SOKOLOV

Learning from the expert: CRT implantation techniques

- How to perform peripheral and coronary venoplasty for LV lead implantation.
- The use of snaring techniques in CRT.
- How to minimise fluoroscopy in CRT implantation.
- Techniques for LV endocardial implantation.

16:30 - 18:00

SYMPOSIUM

SENNING

Practical approaches in the catheter ablation of complex arrhythmias

- Current approaches of persistent atrial fibrillation ablation: my preferred approach.
- Catheter ablation in congenital heart disease: my preferred approach.
- Epicardial catheter ablation of ventricular arrhythmias: my preferred approach.
- Current approaches of ischemic ventricular tachycardia ablation: my preferred approach.

16:30 - 18:00

SYMPOSIUM

WENCKEBACH

The ECG and the risk of sudden death

Educational Track

- Case 1. Preexcitation syndromes.
- Case 2. Abnormal repolarization syndromes.
- Case 3. ECG in structural heart disease and high risk of sudden death.



16:30 - 18:00

MAIN SESSION

MOBITZ

Newer devices: coming soon in the arena of clinical practice?

- Combined subcutaneous ICD and leadless VVI pacemaker: coming soon?
- Leadless VDD pacemaker: coming soon?
- Thoracoscopic access to LV epicardial pacing: coming soon?
- Leadless LV pacing: coming soon?
- Pulmonary pressure monitoring: coming soon?

16:30 - 18:00

SYMPOSIUM

MIROWSKI

New strategies for prediction, prevention and treatment of atrial fibrillation

Joint Session with the Asia Pacific Heart Rhythm Society (APHRS)



- Drugs for atrial fibrillation in 2017: what's new?
- Life style changes and sleep apnoea treatment.
- Ablation therapy in 2017 – Any major breakthrough?
- Genetic risk prediction of atrial fibrillation.

16:30 - 18:00

SYMPOSIUM

FURMAN

Conduction and pacing induced cardiomyopathy

- Overt anteroseptal accessory pathway induced heart failure.
- Mechanisms and Pathophysiology of RV pacing induced CMP.
- Prevention of CMP by- RV septal pacing, RVOT pacing, his bundle pacing.
- Treatment- Results of upgrade to CRTD or CRTD?

16:30 - 18:00

SYMPOSIUM

COUMEL

Tips for service development presentations and publishing results – Potential abstract development

- Identifying a need for development: the importance of data.
- Service evaluation: The Dundee arrhythmia service experience.
- Presenting your project: how to choose which meeting and which journal to submit to.
- Why bother? Impact of sharing your results both on other services and to patients.

16:30 - 18:00

FEATURED SYMPOSIUM

HIS

Novel avenues for cardiac cellular electrophysiology

41st Meeting of the ESC Working Group on Cardiac Cellular Electrophysiology

16:30 - 18:00

MAIN SESSION

DAMATO

Atrial fibrillation ablation update, joint document with HRS

- Indications for catheter ablation.
- Strategies, techniques, and endpoints.
- Procedural aspects, antithrombotic and complications.
- Clinical trial design.
- Key take home messages and general discussions.

16:30 - 18:00

SYMPOSIUM

ELMQUIST

The asymptomatic athlete with abnormal ECG: all sports forbidden?

Joint Session with the European Association for Cardiovascular Prevention & Rehabilitation (EACPR)



- Asymptomatic athlete with mild hypertrophic cardiomyopathy: unanimous disqualification?
- Athlete with asymptomatic ARVD: any sports?
- Athlete with significant bradycardia.
- Athlete with asymptomatic ventricular arrhythmias.

EUROPACE
EHRA 2017
CARDIOSTIM

— Tuesday 20 June 2017 —

SCIENTIFIC PROGRAMME

For more information, check the most up to date programme on:

Scientific Programme & Planner:

www.escardio.org/EUROPACE

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EDUCATIONAL TRACK

INNOVATION TRACK

8:30 - 10:00

MAIN SESSION

SOKOLOV

How to improve the benefits of CRT?

- By use of MRI for selection of candidates.
- By AV and VV intervals optimisation.
- By multisite or multipoint pacing.
- By endocardial LV pacing.
- By extending device longevity.

8:30 - 10:00

SPECIAL SESSION

SENNING

LIVE SESSION I : Focus on AF ablation

- Live Case from Linz: AT post AF ablation.
- Live Case from Leipzig: AF ablation.
- New technologies for AF ablation.



8:30 - 10:00

SYMPOSIUM

WENCKEBACH

SVT ablation: from the rare to the difficult: a case based tutorial

Educational Track

- Ablation of PJRT and Mahaim-Fibers: still a challenge.
- When ablation of AVNRT becomes difficult: This is what you need to know.
- Paraseptal pathways: tips and tricks how to avoid AV-block.



8:30 - 10:00

SYMPOSIUM

MOBITZ

Left atrial appendage occlusion: state of the art 2017

Learn how experts approach the occlusion of the left atrial appendage to prevent stroke in non-valvular atrial fibrillation with emphasis on the pros and cons of the different technologies available in 2017

- Endocardial left atrial appendage occlusion is not as effective as warfarin to prevent ischemic stroke.
- Endocardial left atrial appendage occlusion is as effective as warfarin to prevent ischemic stroke.
- Surgical approaches preventing stroke.
- Lariat suture delivery device: not only for stroke prevention.

8:30 - 10:00

SPECIAL SESSION

MIROWSKI

Innovations for better patient care: reports from the EHRA Innovation Forum

Innovation Track

- The near future potential of genetics.
- The near future developments in pharmacological therapies.
- The near future of precision medicine.
- The near future applications of computer modeling.

8:30 - 10:00

SYMPOSIUM

FURMAN

Device programming for pacing in special scenarios and populations

- Neuro-muscular diseases.
- When is pacing indicated in hypertrophic CMP?
- Pacing in 1st degree AV Block.
- Pacing in patients with unexplained syncope.

8:30 - 10:00

SYMPOSIUM

COUMEL

Anticoagulation for non-valvular atrial fibrillation in 2017

Joint Session with the Heart Rhythm Society (HRS)



- What is the correct definition of "non-valvular" atrial fibrillation?
- Permanent atrial fibrillation with CHADS-VASC score= 1: nothing, aspirin or anticoagulate?
- Anticoagulant should be prescribed for Atrial fibrillation in stage IV-V kidney disease.
- Anticoagulant should NOT be prescribed for Atrial fibrillation in stage IV-V kidney disease.

8:30 - 10:00

SYMPOSIUM

HIS

New technologies for prolonged ECG monitoring: how, when and for whom?

- Multi-day and multi-week ECG recording systems.
- Implantable Loop recorders.
- Mobile phone ECG applications and wearables.
- Novel characteristic of ECG morphology for arrhythmia prediction.

8:30 - 10:00

SYMPOSIUM

DAMATO

Medical treatment of channelopathies: effective and safe?

- Quinidine for Brugada and what to do with Quinidine intolerance.
- Ranolazine for LQT3: Treatment that found it's disease?
- Beta-blockers for LQT3: Contraindicated, acceptable or the drug of choice?
- LQT3 – the role of Ajmaline challenge and of Flecainide and mexiletine in treatment.

8:30 - 10:00

MAIN SESSION

ELMQUIST

Hypertrophic cardiomyopathy genetics and clinical management

- Diagnostic and prognostic role of genotyping in HCM.
- Risk stratification of HCM in 2017: the European approach.
- Atrial fibrillation and outcome in HCM: the American approach.
- Ablation in HCM.

11:00 - 12:30

DEBATE SESSION

SOKOLOV

Strenuous fights on CRT

- Cardiac resynchronization therapy in the next years: CRT-P will be the preferred device.
- Cardiac resynchronization therapy in the next years: CRT-D will be the preferred device.
- Only LBBB is eligible to CRT.
- Improving the criteria of candidacy for CRT: Wide QRS only for eligibility to CRT.

11:00 - 12:30

SPECIAL SESSION

SENNING

LIVE SESSION II : MRI interventional suites and MRI-guided ablation

- Live Case: MRI interventional suites: catheter ablation in the MRI.
- Live Case from Leipzig: VT ablation guided by MRI-based channel detection
- Lecture: MRI applications in arrhythmia patients.



11:00 - 12:30

HOW-TO SESSION

WENCKEBACH

Ablation of atrial macroreentrant tachycardia: tips and tricks*Educational Track*

- What to know about atrial anatomy for atrial flutter ablation.
- How to ablate scar-related flutter after cardiac surgery.
- How to prove reentry circuits and ablate post-PVI macroreentrants.
- Ablation of post-Maze arrhythmias.

11:00 - 12:30

SYMPOSIUM

MOBITZ

Approach to atrial fibrillation patients: highlights from Central-Eastern Europe*Special session of the Eastern European group*

- Radiofrequency ablation with 3D electroanatomical mapping in pts with atrial fibrillation, why and when is always my first approach: clinical recommendations.
- Vein isolation by cryoballoon: how to read electrical signals from pulmonary veins?
- Atrial fibrillation in patients with ICD/CRTD: therapy issues and programming recommendations.
- ICD for prevention of SCD: lessons learned from ICD for life initiative.

11:00 - 12:30

SPECIAL SESSION

MIROWSKI

Crash course for inventors*Innovation Track*

- From professor to professional in inventing.
- Strategic thinking for inventors.
- How to get your Innovation to be taken seriously.
- From concept to certification of an ablation catheter.
- Is my invention worth pursuing? A beginners guide.

11:00 - 12:30

MAIN SESSION

FURMAN

Leadless Pacemaker: the future of cardiac pacing?

- Where do we stand: update on clinical trials and registries.
- Who are the ideal candidates for current Leadless Pacemaker technology?
- Implantation Techniques: tips and avoiding common complications.
- From VVI to DDD and CRT: what's in the pipeline of leadless pacing?

11:00 - 12:30

SYMPOSIUM

COUMEL

State of the art on anticoagulation

- Choosing the right anticoagulant for the right patient.
- Using long-term ECG monitor to start and stop anticoagulation.
- Antidotes to anticoagulation: state of the art.
- Choosing the anticoagulant as part of triple therapy.

11:00 - 12:30

SYMPOSIUM

HIS

12-lead ECG: diagnostic and prognostic value

- The ECG in Brugada syndrome: predicting VF.
- The ECG in AV block: predicting torsade de pointes.
- Short QT: predicting (or guessing?) VF.
- ECG before and after TAVI: predicting AV block.

11:00 - 12:30

SYMPOSIUM

DAMATO

Pharmacological therapy in AF

- The current role of Dronedronarone.
- Ranolazine – mechanism and clinical results in AF.
- Atrial-specific antiarrhythmic agents.
- Non anti arrhythmic pharmacological therapy for maintenance of sinus rhythm.

11:00 - 12:30 SYMPOSIUM ELMQUIST

Back to nature? The rise of biologicals to replace catheters, drugs and devices in antiarrhythmic therapy

- The biopacemaker - ready for application in humans?
- Biological ablation of atrial and ventricular arrhythmias.
- Deciphering arrhythmia mechanisms using human iPSC-derived cardiomyocytes.
- Electrically active antibodies: emerging roles in pathophysiology and antiarrhythmic therapy.

14:00 - 15:30 MAIN SESSION SOKOLOV

CRT implants: nightmares in the lab

- Impossible coronary sinus cannulation and coronary sinus dissection: what to do?
- Indication and technical aspects of epicardial LV Implantation.
- Left persistent superior vena cava: what to do?
- Instability of the LV lead and phrenic nerve stimulation : what to do?

14:00 - 15:30 SPECIAL SESSION SENNING

LIVE SESSION III: Focus on VT ablation

- Live Case from Linz: high density mapping for ablation of post MI VT.
- Live Case from Leipzig: Epi- endocardial mapping and ablation of VT in NICM.
- New techniques and technologies for VT ablation.
- Discussion panel.



14:00 - 15:30 HOW-TO SESSION WENCKEBACH

EP fundamentals: what everyone should know

Educational Track

- The world of entrainment: a must for everyone.
- Stimulation manoeuvres for differentiation between SVTs.
- Stimulation manoeuvres for differentiation of SVT from VT.
- Differential pacing and other modes to prove conduction block: how does it work?

14:00 - 15:30 SYMPOSIUM MOBITZ

Hybrid ablation in persistent atrial fibrillation: the ultimate heart team approach

Joint Session with Chinese Society of EP

- Pathophysiological aspects of persistent atrial fibrillation relevant to ablation.
- Evolution of surgical ablation of atrial fibrillation.
- Rationale for a hybrid surgical and catheter ablation approach for persistent AF.
- Long-term outcome in hybrid ablation of atrial fibrillation.



14:00 - 15:30 SPECIAL SESSION MIROWSKI

Finals of EHRA inventors award and Cardiotim innovators award

Innovation Track

- EHRA Inventor Award and Cardiotim Innovation Award finalists
- The long and winding road of an invention: the LINQ-reveal story.
- Presentation of EHRA inventors award.
- Presentation of cardiotim Innovation award.
- Referees - Panel discussion.

14:00 - 15:30 SYMPOSIUM FURMAN

CIEDs after cardiac procedures

Joint session with the European Association of Percutaneous Cardiovascular Interventions (EAPCI)



- Predictors and timing of pacemaker implantation after surgical valvular procedures.
- CIEDs following tricuspid surgical procedures.
- Pacing after TAVI: the interventional view point.
- Pacing after TAVR: the electrophysiologist view point.

14:00 - 15:30 SYMPOSIUM COUMEL

Stroke and bleeding in atrial fibrillation: difficult management issues

- Acute bleeding in an AF patient on NOAC: how to use reversal agents appropriately?
- Anticoagulation after catheter ablation: is stopping anticoagulation really a good idea in CADsVAsC →2?
- Acute ischaemic stroke in AF patient on a NOAC: Thrombolysis, thrombectomy or pray? And what to do next?
- High CHADsVAsC and NO AF: any indication for anticoagulation?

14:00 - 15:30 HOW-TO SESSION HIS

Electrocardiogram, Holter recordings and remote monitoring for preventing malignant ventricular arrhythmias

- How to detect and prevent drug induced long QT syndrome.
- How to detect and prevent drug induced Brugada syndrome.
- How to perform a QT study for new drugs.

14:00 - 15:30 SYMPOSIUM DAMATO

Is it worth the money? Cost-effectiveness in electrophysiology

- Comparative cost-effectiveness of atrial fibrillation ablation versus pharmacological therapy.
- Patient compliance and outcomes of pharmacological therapy and atrial fibrillation ablation.
- Commissioning and reimbursement of atrial fibrillation ablation in Europe.
- The role of the ESC Health Policy: relevance to electrophysiology and cardiac device practice.

14:00 - 15:30

MAIN SESSION

ELMQUIST

Late sodium current and cardiac arrhythmias: a basic and translational update

- Molecular and biophysical mechanisms underlying late sodium current.
- Late sodium current and atrial fibrillation.
- Late sodium current and arrhythmogenesis during heart failure.
- Pharmacological late INa inhibition in inherited arrhythmias.

16:30 - 18:00

MAIN SESSION

SOKOLOV

CRT: widening of the QRS or widening of the indications?*Joint Session with the Heart Failure Association of the ESC (HFA)*

- CRT in NYHA IV: never? sometimes?
- CRT in patients with valvular heart disease: when? what results?
- CRT in diastolic dysfunction: never? sometimes?
- CRT in special situation NYHA I / at first detection of heart failure.

16:30 - 18:00

SYMPOSIUM

SENNING

Practical management approaches of female patients with challenging arrhythmias*Mobile App - Voting session*

- My practical approach to treatment of female patients with Brugada syndrome.
- My practical approach to catheter ablation of atrial fibrillation in female patients.
- My practical approach of PM/ICD implantation in female patients.
- My practical approach of lead extraction in female patients.

16:30 - 18:00

SYMPOSIUM

WENCKEBACH

Burning issues in catheter ablation in 2017*Educational Track*

- How to reduce or eliminate radiation exposure.
- Cryoablation or radiofrequency: What is best for AVNRT and paraseptal pathways?
- Ablation of asymptomatic accessory pathways: is it really necessary?
- Is there any role for typical isthmus flutter ablation without PVI?

16:30 - 18:00

DEBATE SESSION

MOBITZ

Controversies in Afib ablation

- Cryoablation should be first choice in persistent atrial fibrillation - PRO.
- Cryoablation should be first choice in persistent atrial fibrillation - CONTRA.
- NOACs should not be interrupted for Afib ablation - PRO.
- NOACs should not be interrupted for Afib ablation - CONTRA.

16:30 - 18:00

SPECIAL SESSION

MIROWSKI

Innovation Parade*Innovation Track*

16:30 - 18:00

MAIN SESSION

FURMAN

Syncope management: now and future

- Recurrent vasovagal syncope: pacemaker revisited.
- Who should be admitted to hospital: risk stratification and syncope management unit.
- Recent advances in ambulatory hemodynamic and rhythm monitoring.
- Syncope: who is fit to drive?

16:30 - 18:00

SYMPOSIUM

COUMEL

Cancer therapy and arrhythmias

- Highlights of ESC position paper on cardio-oncology.
- Arrhythmias induced by Chemotherapy and biological treatment.
- Radiotherapy and the heart.
- Anticoagulation in patients with blood dyscrasias and advanced cancer.

16:30 - 18:00

SYMPOSIUM

HIS

Arrhythmic substrate characterisation in the ventricles*Joint Session with the European Association of Cardiovascular Imaging (EACVI)*

- Non-invasive electrocardiographic imaging for arrhythmic substrate mapping.
- Myocardial deformation imaging for arrhythmic substrate mapping.
- Simulation-based differentiation between electrical and structural substrates of arrhythmogenic right ventricular cardiomyopathy.
- Exercise-induced damage to the right ventricle: the role of MRI.

16:30 - 18:00

SYMPOSIUM

DAMATO

Improving efficacy in the EP lab: work flow, process optimisation and economical balance

- The value of improved work flow: process optimization medicine.
- Understanding economics in EP: benchmarks, costs and reimbursement.
- A view from the Industry.
- Cost impact and cost-effectiveness of ablation and device therapy compared to other medical therapies.

16:30 - 18:00

DEBATE SESSION

ELMQUIST

Data and evidence in ICD and CRT patients: what's the value?

- Subanalyses in CRT: should they be trusted? - PRO.
- Subanalyses in CRT: should they be trusted? - CONTRA.
- It is time to reassess current ICD indications by controlled studies - PRO.
- It is time to reassess current ICD indications by controlled studies - CONTRA. .



— Wednesday 21 June 2017 —

SCIENTIFIC PROGRAMME

For more information, check the most up to date programme on:

Scientific Programme & Planner:

www.escardio.org/EUROPACE

The 'EHRA 2017' Mobile App

available on App Store ® / Google play

EDUCATIONAL TRACK

INNOVATION TRACK

8:30 - 10:00

HOW-TO SESSION

MOBITZ

Keep cool: expert approaches for atrial fibrillation cryo ablation



Educational Track, Mobile App - Voting session

- Patient selection for atrial fibrillation cryo ablation.
- Procedural aspects: how to place the balloon best in difficult anatomies?
- Safety aspects: how to avoid complications.
- Cryo ablation in persistent atrial fibrillation: where do we stand?

8:30 - 10:00

HOW-TO SESSION

MIROWSKI

What's the future of ICD therapy

Innovation Track

- New technologies: smaller devices, novel implantation strategies, better longevity and less complications?
- Implantable assist devices will supplement or replace the ICD?
- Ablation technology will supplement or replace the ICD?
- New indications for primary prevention at the horizon?

8:30 - 10:00

SYMPOSIUM

FURMAN

Falling down: Asystolic syncope

- Seizure and asystole: the hen and egg dilemma.
- Pacing for ictal asystole.
- Asystole in reflex syncope.
- Asystole caused by conduction disturbances.

8:30 - 10:00

SYMPOSIUM

COUMEL

Athlete with abnormal ECG: the experts' approach in 2017

Joint Session with the Sociedad Latinoamericana de Estimulacion Cardiaca y Electrofisiologia (SOLAECE)



- Athlete with ventricular arrhythmia.
- Athlete with borderline, short or long QT.
- Athlete with AF, SVT and WPW.
- Athlete with J wave syndromes.

8:30 - 10:00

SYMPOSIUM

HIS

Cost effectiveness of device telemonitoring is it worth it ?

- Tele-rehabilitation strategy after acute coronary syndromes.
- Remote management of patients with chronic heart failure: nurse or device?
- Remote monitoring of pacemakers / ICDs to detect clinically important silent atrial fibrillation episodes.
- Remote diagnosis of previously undocumented palpitations: is it feasible?

8:30 - 10:00

HOW-TO SESSION

DAMATO

New frontiers and indications for catheter ablation

- Sinus node modification in heart failure patients.
- Ablation in or of brugada syndrome?
- Ablation of ventricular fibrillation.
- Transcutaneous ablation of arrhythmias.

10:05 - 10:55

SPECIAL EVENT

AGORA

Awards Ceremony

Come and support the finalist!

11:00 - 12:30

SPECIAL SESSION

MOBITZ

Congress Highlights

NEW THIS YEAR: Experts will summarise the highlights of the congress by topic. Don't miss this session to get an overview of this year's congress!

CARDIOSTIM2018

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