### **ECAS 2025**



# 18th Annual Congress of the European Cardiac Arrhythmia Society

May 18 - 20, 2025

**Congress Venue:** 

A. Roma Lifestyle Hotel - Via Giorgio Zoega 59, Rome

ecas-heartrhythm.org



### **FINAL PROGRAM**





Dear Colleagues,

welcome to the Eighteenth Annual Scientific Congress of the European Cardiac Arrhythmia Society — ECAS 2025! We are delighted to host you in the vibrant city of Rome, Italy, from 18 to 20 May at the A.Roma Lifestyle Hotel Conference Centre. Those who have participated in previous ECAS Congresses know that this event offers far more than just scientific content. It is a unique blend of high-level education and a warm, collegial atmosphere that fosters meaningful interactions between leading experts and emerging talent in the field of cardiac arrhythmias. This year's Congress continues that tradition, providing an authentic academic environment where young, passionate professionals can engage in open, informal discussions with mentors and pioneers who have shaped the discipline. We are also excited to host the second edition of the successful ECAS Educational Course, featuring both basic and advanced tracks, under the leadership of Prof. Thorsten Lewalter. This year's program promises to be especially engaging and impactful. We are thrilled to have you with us and look forward to an inspiring and memorable experience together in Rome.

Warm regards, The ECAS 2025 Organizing Committee

### **ORGANIZING COMMITTEE**



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Luca Santini (Rome, IT)



President of ECAS Riccardo Cappato (Milan, IT)



Senior President Samuel Levy (Marseille, FR)



Vice President & Education cmte. Thorsten Lewalter (Munich, DE)

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### **ECAS PRESIDENT CONTACT**

Martina Casella e-mail: info@ecas-heartrhythm.org

### **SOCIAL MEDIA AMBASSADOR**

Christian-Hendrik Heeger (Hamburg, DE) X: ECAS\_Heart | LinkedIN: ECAS European Cardiac Arrhythmia Society





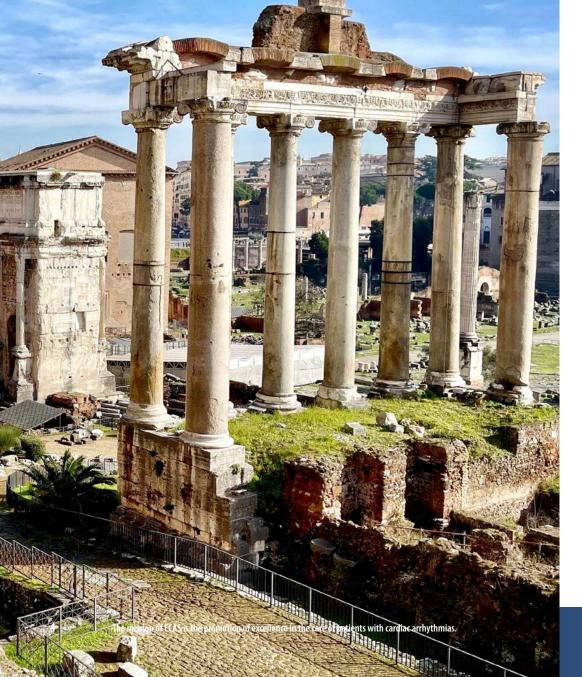




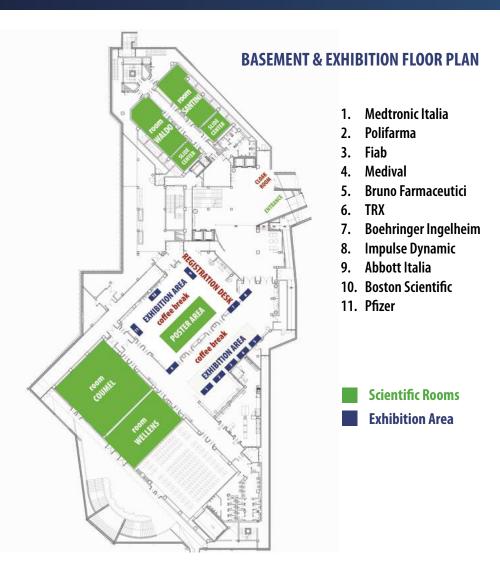
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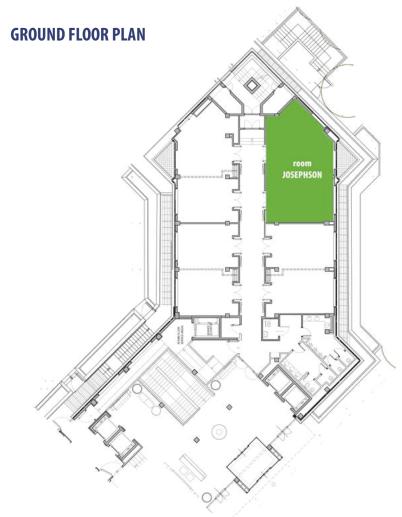














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Domenico Maria Chiara Laszlo Marzia Andrea Giovanna Taya V. Andreas Rakesh Vincenzo M. Edip	Gabrielli Gatto Geller Giaccardi Giomi Giubilato Glotzer Goette Gopinathannair Guido Gurol	(Rome, IT) (Rome, IT) (Budapest, HU) (Florence, IT) (Florence, IT) (Rome, IT) (Hackensack, US) (Paderborn, DE) (Kansas City, US) (Rome, IT) (Boston, US)

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llaria	Jacomelli	(Rome, IT)			
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		Schwenningen, DE)			
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	Kreidieh				
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Karl-Heinz Deni Jürgen Francesco Carlo	Kuck Kukavica Kuschyk L Laurenzi Lavalle	(Hamburg, DE) (Pavia, IT) (Mannheim, DE) (Rome, IT) (Rome, IT)			
Karl-Heinz Deni Jürgen Francesco Carlo H. Immo	Kuck Kukavica Kuschyk L Laurenzi Lavalle Lehmann	(Hamburg, DE) (Pavia, IT) (Mannheim, DE) (Rome, IT) (Rome, IT) (Salt Lake City, US			
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Roberto Ermenegildo

Philippe

### (confirmed) FACULTY

# 18th Annual Congress of the European Cardiac Arrhythmia Society



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Alessandro	Zorzi	(Padua, IT)
Alessallulo	Zucchelli	(Pisa, IT)

# PROGRAM SUNDAY AT A GLANCE May 18, 2025



	Room COUMEL	Room SANTINI	Room WALDO	Room JOSEPHSON	Room WELLENS
08:30 -10:00	ATRIAL FIBRILLATION AND COUMELS' TRIANGLES: BACK TO THE FUTURE	DEVICE REMOTE MONITORING AND HEART FAILURE	SUPRAVENTRICULAR ARRHYTHMIAS: WORK-UP AND ABLATION THERAPY	SPECIAL WORKSHOP ON SYNCOPE: SYNCOPE	EDUCATIONAL COURSE CONCEPTS OF EP
	COFFEE B	REAK	COFFEE BREAK		10:00 – 11:00
	STROKE RISK AND		BREAKING THE VICIOUS CYCLE: INTEGRATED STRATEGIES FOR THE MANAGEMENT OF	10:00 – 11:30 ORAL COMMUNICATION SESSION	ORAL COMMUNICATION SESSION
10:30 -12:30	AF BURDEN	ECG CASE STUDIES	ARRHYTHMIAS, HEART FAILURE, ISCHEMIC CARDIOVASCULAR DISEASES, AND CHRONIC KIDNEY DISEASE	11:30 – 01:00 SPECIAL WORKSHOP ON SYNCOPE: ORTHOSTATIC	DIAGNOSTICS IN SVT AND ABLATION OF AVNRT AND AVRT
12:30 -02:00	BOSTON SCIENTIFIC LUNCHEON PANEL (NO CME) ADVANCES IN ARRHYTHMIA MGMT: MODULAR THERAPY, CUSTOMIZED ABLATION, AND BEYOND	<b>LUNCHEON PANEL</b> PHYSIOLOGICAL PACING	<b>LUNCHEON PANEL</b> SPORT ARENA	HYPOTENSION	SPECIAL EVENT ECG TRACINGS
02:00 -03:30	AF ABLATION COMBINED WITH LAA CLOSURE	PACING, PACING, PACING: OPEN QUESTIONS	CHANNELLOPATHY I	SPECIAL WORKSHOP ON SYNCOPE: URGENT ASPECTS OF SYNCOPE	UNDERSTANDING AND ABLATION TREATMENT OF ATRIAL FIBRILLATION
	CHAIRED P	OSTER		CHAIRED POSTER	
04:00 -05:30	PV ISOLATION FOR AF ABLATION: WHAT ELSE TO DO?	TYPICAL AND ATYPICAL ATRIAL FLUTTER: AN EVERGREEN TOPIC	CHANNELLOPATHY II	SPECIAL WORKSHOP ON SYNCOPE: DIAGNOSTIC ASPECTS OF SYNCOPE	CHANELLOPATHIES AND "IDIOPATHIC" VENTRICULAR TACHYCARDIA
05:30 -07:00	Room CO	UMEL		Philippe Coumel Lecture nievement Awards	

### PROGRAM MONDAY AT A GLANCE May 19, 2025



	Room COUMEL	Room SANTINI	Room WALDO	Room JOSEPHSON	Room WELLENS
08:30 -10:00	PFA — WHERE DO WE STAND AND WHERE ARE WE GOING?	AF AND HEART FAILURE: UNDERSTANDING THE SPECTRUM AND HOW PHYSIOLOGIC ADVANCES IMPACT THERAPY PART 1: ADVANCES IN PATHOPHY- SIOLOGY AND EPIDEMIOLOGY	THE MANY FACES OF VENTRICULAR HYPERTROPHY	SPECIAL WORKSHOP ON SYNCOPE: SYNCOPE AND RELATED CONDITIONS	EDUCATIONAL COURSE "DEEP DIVE" INTO CARDIAC ELECTROPHYSIOLOGY
	COFFEE BI	REAK	COFFEE BREAK	10:00 - 11:00	COFFEE BREAK
	<b>10:30 - 11:30</b> PULSE FIELD ABLATION: TRANSFORMING THE LANDSCAPE OF ATRIAL FIBRILLATION	AF AND HEART FAILURE: UNDERSTANDING THE SPECTRUM AND HOW PHYSIOLOGIC ADVANCES	FOCUS ON	ORAL COMMUNICATION SESSION	<b>10:30 - 12:00</b> "Organised" Atrial
10:30 -12:30	<b>11:30 - 12:30</b> ARE WE READY TO USE THE S-ICD  AS THE FIRST CHOICE?	IMPACT THERAPY PART 2: NEW DIRECTIONS IN THERAPY FOR AF AND HEART FAILURE	CARDIOMYOPATHY	SPECIAL WORKSHOP ON SYNCOPE: CNA AND PACEMAKERS	TACHYARRHYTHMIAS  SPECIAL EVENT:
12:30 -02:00	LUNCHEON PANEL ADVANCES IN TRANSSEPTAL CATHETERIZATION	<b>LUNCHEON PANEL</b> WORKSHOP CSP, CRT AND TRADITIONAL PACING	LUNCHEON PANEL CARDIONEUROABLATION: A NEW FRONTIER FOR THE TREATMENT OF SYNCOPE AND	LUNCHEON PANEL CIED THERAPY: EVOLVING LEAD- LESS AND EXTRAVASCULAR	LUNCH, LEADLESS AND CONDUCTION SYSTEM PACING
	CATTLETERIZATION	ECG - CASE STUDIES	MORE	TECHNOLOGIES	
02:00 -03:30	ANCILLARY EVALUATIONS AND REQUIREMENTS OF AF ABLATION	MEET THE EXPERT UNPLUGGED	HRS-ECAS SPECIAL SESSION: ARRHYTHMOGENIC CARDIOMYOPATHY: CHALLENGE OF NEW MANAGEMENT AND THERAPEUTIC CHALLENGES	ETHICS AND SUSTAINABILITY IN CRM TECHNOLOGICAL INNOVATION: THE DILEMMA OF DOING AND NOT DOING	"MASTERCLASS OF AF ABLATION"
	COFFEE BREAK & CH	AIRED POSTER	(	OFFEE BREAK & CHAIRED POSTER	
04:00 -05:30	HIGHLIGHT SESSION GUIDELINES FOR AF ABLATION: TOWARDS A PARADIGM SHIFT?	ECAS/WSA JOINT SESSION 1: DEBATES	INFECTIONS AND LEAD EXTRACTIONS	CARDIAC CONTRACTILITY MODULATION	VENTRICULAR TACHYCARDIA — ABLATION AND DEVICE TREATMENT
05:30 -06:30	VENTRICULAR TACHYCARDIA ABLATION: UPDATE 2025	ECAS/WSA JOINT SESSION 2: - EXISTING ARRHYTHMIA CONTROVERSIES AND GAPS WORTHY OF SOCIETY ARRHYTHMIA INPUT	BASIS FOR UNDERSTANDING AF ABLATION IN PATIENTS WITH CARDIOMYOPATHY	ECAS - JHRS JOINT SESSION SCREENING OF AF	EDUCATIONAL COURSE FINAL EXAM
06:30 -07:15	Room CO	UMEL	Spe dedicated	cial Lecture Mark Josephson to the memory of Massimo	Santini



	Room COUMEL	Room SANTINI	Room WALDO	Room JOSEPHSON
08:30 -10:00	VT ABLATION: INNOVATIONS IN ELECTRO-ANATOMIC MAPPING AND ENERGY SOURCES	THE STATE OF INTERVENTIONAL APPROACHES IN MANAGING CARDIAC DYSAUTONOMIAS	JOINT SESSION ECAS & HEART SUCCESS FOUNDATION HEART FAILURE THERAPY FOR THE ARRHYTHMOLOGIST: THE REVOLUTION	IMPLANTABLE CARDIAC MONITOR
	COFFEE BREAK	& CHAIRED POSTER	COFFEE BREAK	& CHAIRED POSTER
10:30 -12:30	AF ABLATION: POST-PROCEDURAL TREATMENT AND FOLLOW-UP STRATEGIES	PLACEBO EFFECT IN CARDIOLOGY	RHYTHM MANAGEMENT IN HEART FAILURE: AN EMERGING GAME CHANGER?	TELEMEDICINE, ARTIFICIAL INTELLIGENCE, CONNECTED HEALTH





# CONGRESS SCIENTIFIC PROGRAM SUNDAY, MAY 18







**COUMEL ROOM** 08:30 - 10:00 am **SANTINI ROOM** 08:30 - 10:00 am

### ATRIAL FIBRILLATION AND COUMELS' TRIANGLES: **BACK TO THE FUTURE**

Chairpersons: Claudio Pandozi (Rome, IT) - Sanjeev Saksena (New Brunswick, US)

ANS and AF	Giuseppe Mascia (Genoa, IT)
Factors modulating the triggering and maintenance of AF	Matteo Anselmino (Turin, IT)
Drug therapy applied to the Coumel's Triangle	Harry J. G. M. Crijns (Maastricht, NL)
Topology-based ablation of atrial tachycardia: the last step in curing AF?	Mathias Duytschaever (Ghent, BE)

### **DEVICE REMOTE MONITORING AND HEART FAILURE**

Chairpersons: Werner Jung (Villingen-Schwenningen, DE) - Renato Pietro Ricci (Rome, IT)

6 years of Heart Logic: real world data	Ermenegildo de Ruvo (Rome, IT)
Heart Insight in practice, workflow and alert management, real life experience of using successfully the algorithm	Luca Santini (Rome, IT)
How to prevent acute HF events through the triage-HF algorithm?	Giulio Molon (Negrar, IT)
Tele-monitoring of advanced HF patient by the Cardiomems implantable device	David Couto-Mallon (A Coruña, ES)
Alert-based remote monitoring only: are we ready?	Massimiliano Maines (Rovereto, IT)



**WALDO ROOM** 08:30 - 10:00 am

### **SUPRAVENTRICULAR ARRHYTHMIAS: WORK-UP AND ABLATION THERAPY**

Chairpersons: Piergiuseppe De Girolamo (Rome, IT) - Gerhard Steinbeck (Munich, DE)

Differential diagnosis of SVT in the EP lab	John Catanzaro (Greenville, US)
Supraventricular arrhythmias and ventricular pre-excitation in the paediatric patient: EP study, ablation, medical therapy when and to whom?	Fabrizio Drago (Rome, IT)
Role of PFA in paroxysmal supraventricular tachycardias ablation	Valentina Ribatti (Milan, IT)
Low fluoro methods and strategies for SVT ablation: safety, feasibility and effectiveness	Paolo Compagnucci (Ancona, IT)

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**JOSEPHSON ROOM** 08:30 - 10:00 am

### **SPECIAL WORKSHOP! DIAGNOSIS AND TREATMENT OF SYNCOPE: SYNCOPE**

Chairpersons: Robert Sheldon (Calgary, CA) - Stefano Strano (Rome, IT)

The autonomic nervous system - diagnostic discovery and the future	Rose Anne Kenny (Dublin, IE)
Situational syncope	Melanie Dani (London, UK)
Stretch syncope	David Benditt (Minneapolis, US)
Carotid sinus massage and carotid sinus syndrome	Michele Brignole (Milan, IT)



**COUMEL ROOM** 10:30 am - 12:30 pm

**SANTINI ROOM** 10:30 am - 12:30 pm

### **STROKE RISK AND AF BURDEN**

Chairpersons: Taya V. Glotzer (Hackensack, US) - M. Edip Gurol (Boston, US)

Subclinical AF	Taya V. Glotzer (Hackensack, US)
Insights from the NOAH and ARTESIA Trials: Putting it all together	Jeff Healey (Hamilton, CA)
The Impact of Atrial Fibrillation on Brain Perfusion, Metabolism, Function and how this impacts long-term Brain Health	Jared Bunch (Salt Lake City, US)
Stroke prevention post successful AF ablation	Antonio Rossillo (Vicenza, IT)
Non-clinical AF. How should we assess the risk in the individual? Forget it, treat it, or make a new study?	Minang P. Turakhia (Stanford, US)

### **ECG CASE STUDIES**

Chairpersons: John Catanzaro (Greenville, US) - Lida Pieretta Papavasileiou (Athens, GR)

Wide Complex Tachycardias: Management and Diagnostic Framework	Carlo Colaiaco (Rome, IT)
aVR: The Forgotten Electrocardiographic Lead	Valentina Ribatti (Milan, IT)
Ventricular Ectopic beats: what does ECG tell us?	Gianluigi Bencardino (Rome, IT)
ECG and cardiomyopathies: case presentation	Cinzia Crescenzi (Rome, IT)
ECG analysis in Atrial tachycardias	Elisa Pelissero (Ciriè, IT)



WALDO ROOM 10:30 am - 12:30 pm

# BREAKING THE VICIOUS CYCLE: INTEGRATED STRATEGIES FOR THE MANAGEMENT OF ARRHYTHMIAS, HEART FAILURE, ISCHEMIC CARDIOVASCULAR DISEASE, AND CHRONIC KIDNEY DISEASE

Chairpersons: Germana Panattoni (Rome, IT) - Sanjeev Saksena (New Brunswick, US)

Hypertension as a common Risk Factor: new approach in CRM syndrome	Massimo Federici (Rome, IT)
Cardiomyopathies: The Heart in Crisis — Understanding Muscle Diseases and Their Role in Heart Failure	Giovanni B. Forleo (Milan, IT)
Protected Heartbeat: Integrated Management of Heart Failure to Prevent Arrhythmias and Safeguard Heart and Kidney Health — Early Approach with SGLT2 Inhibitors	Sebastiano Sciarretta (Rome, IT)
Hearts in Balance: The Impact of Renal Function on Arrhythmias  — Early Action on Chronic Kidney Disease with SGLT2 Inhibitors	Pierfranco Terrosu (Sassari, IT)
Navigating complexities: atrial fibrillation, frailty and stroke prevention strategies	Daniele Pastori (Rome, IT)
LDL-C lowering strategies: impact on Cardiovascular outcomes	llaria Jacomelli (Rome, IT)

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**JOSEPHSON ROOM** 11:30 am - 01:00 pm

## SPECIAL WORKSHOP! DIAGNOSIS AND TREATMENT OF SYNCOPE: ORTHOSTATIC HYPOTENSION

Chairpersons: Michele Brignole (Milan, IT) - Antonella Sette (Rome, IT)

New thoughts on classic OH	Gert van Dijk (Leiden, NL)
Immediate OH	David Benditt (Minneapolis, US)
Initial OH	Satish Raj (Calgary, CA)
Falls in the elderly: an integrated approach	Andrea Ungar (Florence, IT)



**SANTINI ROOM** 12:30 - 02:00 pm

WALDO ROOM 12:30 - 02:00 pm

### **LUNCHEON PANEL**

### **PHYSIOLOGICAL PACING**

Chairpersons: Eli Ovsyshcher (Beer - Sheva, IL) - V. Tholakanahalli (Minneapolis, US)

Conduction System Pacing in which patients:	Matteo Bertini
Opportunities and Challenges	(Ferrara, IT)
Practical Session on CSP tools:	Patrick Nagel
how to be successful in CSP implants	(Berlin, DE)
The rational to pace LBBArea with CLS: a true physiological pacing?	Gabriele Dell'Era (Novara, IT)
Is LBBAP winning the match against HBP?	Edoardo Bressi (Birmingham, UK)
Stylet-driven Leads for Conduction System Pacing:	Gianluca Mirizzi
Insights from Clinical Experience	(Pisa, IT)

### **LUNCHEON PANEL**

### **SPORT ARENA**

Chairpersons: Xavier Jouven (Paris, FR) - Antonio Pelliccia (Rome, IT)

Mitral valve prolapse and physical activity: pathophysiology, arrhythmic risk and suitability for competitive sports	Paolo Compagnucci (Ancona, IT)
Coronary anomalies and sudden death	Marco Schiavone (Milan, IT)
Role of the ECG in the prevention of sudden death in young athletes	Leonardo Calò (Rome, IT)
Sudden Cardiac Death in Athletes: Facts and Fallacies	Alessandro Zorzi (Padua, IT)
Contemporary Insights into the Mechanisms Behind Atrial Fibrillation and Bradycardia in Athletes	Sergey Bondarev (Padua, IT)



**COUMEL ROOM** 02:00 - 03:30 pm **SANTINI ROOM** 02:00 - 03:30 pm

### AF ABLATION COMBINED WITH LAA CLOSURE

Chairpersons: Patrizio Mazzone (Milan, IT) - Francesco Spera (Rome, IT)

What have we learned from the OPTION trial?	Jeff Healey (Hamilton, CA)
PVI plus LAAC: concomitant but in which order?	Christian Heeger (Altona, DE)
PVI plus LAAC: should we also isolated the LAA?	Marco Schiavone (Milan, IT)
Left Atrial Appendage Occlusion for AF Patients at High Brain Bleeding Risk	M. Edip Gurol (Boston, US)

### **PACING, PACING: OPEN QUESTIONS**

Chairpersons: Giovanni Luca Botto (Rho, IT) - Maurizio Santomauro (Naples, IT)

Active fixation leadless pacing: electrical mapping and retrievability	Enrico Mura (Nuoro, IT)
Closed loop stimulation: B3 study outcomes	Giovanni Luca Botto (Rho, IT)
Insight from the BIO REDUCE study, do we really need an atrial lead in CRT-D patients?	Christof Kolb (Munich, DE)
Post-TAVI pacemaker implantation: is VDD single lead pacing the best solution? State of the art and current perspectives	Giuseppe Mascia (Genoa, IT)
Performance and safety of the extravascular ICD	Mauro Biffi (Bologna, IT)



**WALDO ROOM** 02:00 - 03:30 pm **JOSEPHSON ROOM** 02:00 - 03:30 pm

### **CHANNELLOPATHY I**

Chairpersons: Giuseppe Novelli (Rome, IT) - Christian Wolpert (Ludwigsburg, DE)

Gene therapy for the long QT syndrome: are we ready?	Peter J. Schwartz (Milan, IT)
Prognosis in asymptomatic Brugada syndrome	Leonardo Calò (Rome, IT)
Nonmodifiable Risk Factors Predict Outcomes in Brugada Syndrome	Deni Kukavica (Pavia, IT)

### **SPECIAL WORKSHOP!** DIAGNOSIS AND TREATMENT OF SYNCOPE: URGENT ASPECTS OF SYNCOPE

Chairpersons: Artur Fedorowski (Stockholm, SW) - Giulia Rivasi (Florence, IT)

Sudden cardiac arrest: when cardiologists should think brain	Roland Thijs (Leiden, NL)
Injury in syncope	Robert Sheldon (Calgary, CA)
Syncope presentations: beyond FAST 2	Frederik de Lange (Amsterdam, NL)
Falls and Syncope: new management systems	Rob Briggs (Dublin, IE)



**COUMEL ROOM** 04:00 - 05:30 pm

**SANTINI ROOM** 04:00 - 05:30 pm

### PV ISOLATION FOR AF ABLATION: WHAT ELSE TO DO?

Chairpersons: Pedro Adragao (Lisboa, PT) - Maurizio Lunati (Milan, IT)

In paroxysmal AF	Konstantinos Letsas (Athens, GR)
In persistent AF	Giovanni B. Forleo (Milan, IT)
In re-do procedures	Thorsten Lewalter (Munich, DE)
Hybrid approaches for AF ablation	Sebastian Stec (Rzeszow, PL)

### TYPICAL AND ATYPICAL ATRIAL FLUTTER: AN EVERGREEN TOPIC

Chairpersons: Dirk Bastian (Fürth, DE) - Wyn Davies (London, UK)

Typical atrial flutter: an old arrhythmia revisited	Sunny Po (Oklahoma City, US)
Ablation of typical atrial flutter: not always an easy task to achieve!	Valentina Schirripa (Rome, IT)
Ablation of atypical atrial flutter: tips and tricks	Prapa Kanagaratnam (London, UK)
When an atrial flutter is not what it seems	Roberto De Ponti (Varese, IT)



WALDO ROOM 04:00 - 05:30 pm JOSEPHSON ROOM 04:00 - 05:30 pm

### **CHANNELLOPATHY II**

Chairpersons: Xavier Jouven (Paris, FR) - Ruggiero Mango (Rome, IT)

Catecholaminergic ventricular arrhythmias: from diagnosis to therapy	Christian Wolpert (Ludwigsburg, DE)
Atrial arrhythmias in inherited arrhythmia syndromes	Andrea Mazzanti (Pavia, IT)
Short QT syndrome	Pasquale Crea (Messina, IT)

## SPECIAL WORKSHOP! DIAGNOSIS AND TREATMENT OF SYNCOPE: DIAGNOSTIC ASPECTS OF SYNCOPE

Chairpersons: Fabio Quartieri (Reggio Emilia, IT) - Marco Tomaino (Bozen, IT)

Further development of ABPM in syncope	Giulia Rivasi (Florence, IT)
Many lessons from SYSTEMA — Malmo database	Artur Fedorowski (Stockholm, SW)
Can we shorten tilts any more?	Vincenzo Russo (Naples, IT)
Psychogenic Pseudosyncope  — the latest in understanding this phenomenon	Satish Raj (Calgary, CA)

18th Annual Congress of the European Cardiac Arrhythmia Society



Sunday May 18, 2025 05:30 - 07:00 pm Coumel Room

#### **OPENING CEREMONY**

#### **WELCOME ADDRESS & PRESENTATION OF THE SCIENTIFIC PROGRAM**

- Presentation of the II edition of the ECAS Educational Course
  - Presentation of the ECAS activities
  - Greetings from Scientific Societies
  - Presentation of JCE ECAS Partnership
    - Eulogy to Giants
  - Outstanding Achievement Awards

### **Philippe Coumel Lecture**

"Past, present and future of catheter ablation in human atrial fibrillation"

Karl-Heinz Kuck (Hamburg, DE)

# CONGRESS SCIENTIFIC PROGRAM MONDAY, MAY 19







**COUMEL ROOM** 08:30 - 10:00 am

## PFA – WHERE DO WE STAND AND WHERE ARE WE GOING?

Chairpersons: Saverio lacopino (Cotignola, IT) - Thorsten Lewalter (Munich, DE)

The physical basis of PF energy	Maurizio Russo (Rome, IT)
Novel devices	Christian Heeger (Altona, DE)
Efficacy and safety of PFA Ablation: from early trials to clinical practice	Stefano Nardi (Castel Volturno, IT)
PFA and persistent atrial fibrillation: Update 2025	Sakis Themistoclakis (Venice Mestre, IT)

**SANTINI ROOM** 08:30 - 10:00 am

# AF AND HEART FAILURE: UNDERSTANDING THE SPECTRUM AND HOW PHYSIOLOGIC ADVANCES IMPACT THERAPY PART 1: ADVANCES IN PATHOPHYSIOLOGY AND EPIDEMIOLOGY

Chairpersons: Rangadham Nagarakanti (Cottonwood, US) - Sanjeev Saksena (New Brunswick, US)

Advances in cellular pathways and signalling mechanisms impacting heart failure and atrial fibrillation relevant to HFpEF phenotypes	Ravi Ranjan (Salt Lake City, US)
Epidemiologic insights into the development of atrial fibrillation, heart failure and cardiovascular mortality	Alessandro Politano (Rome, IT)
Impact of the heart failure spectrum on cardiovascular morbidity and mortality	Massimo Zecchin (Trieste, IT)
Atrial Fibrosis: Should we evaluate Patterns, Burden and Reversibility	Marzia Giaccardi (Florence, IT)
Heart Failure Phenotypes: Importance in the Genesis of HFpEF and management	Rangadham Nagarakanti (Cottonwood, US)



WALDO ROOM 08:30 - 10:00 am

## THE MANY FACES OF VENTRICULAR HYPERTROPHY

Chairpersons: Dobromir Dobrev (Essen, DE) - Sime Manola (Zagreb, HR)

Cardiomyopathies with a hypertrophic phenotype: non-sarcomeric forms. When to suspect them	Camillo Autore (Rome, IT)
Cardiac MRI: A Game-Changer in Hypertrophic Cardiomyopathy Evaluation	Giancarlo Todiere (Pisa, IT)
Mavacamten: a real-world clinical experience	Annamaria Martino (Rome, IT)
Cardiac amyloidosis: innovations in diagnosis and therapy	Riccardo Morgagni (Rome, IT)
Paradigm shift in the treatment of hypertrophic cardiomyopathy: from myosin inhibitors to gene therapy	Alessia Argirò (Florence, IT)

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JOSEPHSON ROOM 08:30 - 10:00 am

# SPECIAL WORKSHOP! DIAGNOSIS AND TREATMENT OF SYNCOPE: SYNCOPE AND RELATED CONDITIONS

Chairpersons: Rose Anne Kenny (Dublin, IE) - Richard Sutton (Montecarlo, MC)

Aetiology of POTS	Artur Fedorowski (Stockholm, SW)
Long-term ECG monitoring in syncope	Martina Rafanelli (Florence, IT)
Critical appraisal of diagnostic criteria for	Jelle de Jong
Carotid sinus syndrome and hypersensitivity.	(Amsterdam, NL)
Al in syncope	Raffaello Furlan (Florence, IT)



COUMEL ROOM 10:30 - 11:30 am **SANTINI ROOM** 10:30 am - 12:30 pm

### PULSE FIELD ABLATION: TRANSFORMING THE LANDSCAPE OF ATRIAL FIBRILLATION

Chairpersons: Laszlo Geller (Budapest, HU) - Sunny Po (Oklahoma City, US)

What is the best energy source for treating AF in light of the new ESC Guidelines?	Luca Rossi (Piacenza, IT)
Optimising PFA usage and exploring the benefits of mapping integration	Gianfranco Mitacchione (Milan, IT)

Discussion

**COUMEL ROOM** 11:30 am - 12:30 pm

### ARE WE READY TO USE THE S-ICD AS THE FIRST CHOICE?

Chairpersons: Paolo Di Donna (Genoa, IT) - John Fisher (New York, US)

From Guidelines to Practice:	Giovanni Luca Botto
The Role of S-ICD in Modern Therapy	(Rho, IT)
Personalized Therapy with S-ICD and Leadless Systems: A Modular Strategy	Riccardo Memeo (Bari, IT)

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Discussion

# AF AND HEART FAILURE: UNDERSTANDING THE SPECTRUM AND HOW PHYSIOLOGIC ADVANCES IMPACT THERAPY PART 2: NEW DIRECTIONS IN THERAPY FOR AF AND HEART FAILURE

Chairpersons: Johannes Brachmann (Coburg, DE) - Domenico Gabrielli (Rome, IT)

Atrial fibrillation and heart failure with preserved ejection fraction: Hemodynamic insights and their reversibility	Tom F. Deering (Atlanta, US)
Can therapeutic strategy in atrial fibrillation impact development of heart failure: a critical analysis	Andreas Goette (Paderborn, DE)
Can advances in heart failure therapies impact atrial fibrillation incidence	Kazuhiro Satomi (Tokyo, JP)
Catheter ablation for atrial fibrillation and heart failure with reduced ejection fraction: Compiling the evidence	Marco Schiavone (Mllan, IT)
Non-pharmacologic therapies in atrial fibrillation and heart failure with preserved ejection fraction: Evidence and Challenges	Sanjeev Saksena (New Brunswick, US)



WALDO ROOM 10:30 am - 12:30 pm

### **FOCUS ON CARDIOMYOPATHY**

Chairpersons: Richard Hauer (Utrecht, NL) - Antonio Rapacciuolo (Naples, IT)

Atrial cardiomyopathy and its clinical manifestations	Ulrich Schotten (Maastricht, NL)
CMR and cardiomyopathy: beyond LGE	Gianluca Pontone (Milan, IT)
Genotyping: when? Who? What are the clinical repercussions?	Marina Cerrone (New York, US)
Determinants of ventricular arrhythmias in mitral valve prolapse	Sabino Iliceto (Padua, IT)
Cardiac involvement in sarcoidosis	Cristina Chimenti (Rome, IT)
Ventricular arrhythmias in Takotsubo Syndrome: incidence, predictors and clinical outcomes.	Gemma Pelargonio (Rome, IT)

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**JOSEPHSON ROOM** 11:00 am - 12:30 pm

### **SPECIAL WORKSHOP! DIAGNOSIS AND TREATMENT OF SYNCOPE: CNA AND PACEMAKERS**

Chairpersons: Raffaello Furlan (Milan, IT) - Andrea Ungar (Florence, IT)

CNA: patient selection and follow-up	Carlos A. Morillo Zarate (Calgary, CA)
CNA: new considerations	Marco Rebecchi (Rome, IT)
Detection of vasovagal syncope early in its onset	Richard Sutton (Montecarlo, MC)
Long-term recurrences and mortality in patients with noncardiac syncope	Gonzalo Baron Esquivias (Seville, ES)

# SCIENTIFIC MONDAY May 19 PROGRAM 12:30 - 02:00 pm





COUMEL ROOM 12:30 - 02:00 pm **SANTINI ROOM** 12:30 - 02:00 pm

### **LUNCHEON PANEL**

### **ADVANCES IN TRANSSEPTAL CATHETERIZATION**

Chairpersons: Natale Di Belardino (Rome, IT) - Sara Poggi (Naples, IT)

New Tools for Transeptal Catheterization	Bradley P. Knight (Chicago, US)
Procedure-based Site-specific Transeptal Considerations	Antonio Bisignani (Rome, IT)
Non-fluoroscopic TSP guided by ICE/3D mapping	Mansour Razminia (Elgin, US)
TSP in Patients with a Septal Occluder Device	Marco Schiavone (Milan, IT)

# LUNCHEON PANEL WORKSHOP CSP, CRT AND TRADITIONAL PACING ELECTROCARDIOGRAPHY - CASE STUDIES

Chairpersons: Maurizio Del Greco (Rovereto, IT) - Eli Ovsyshcher (Beer - Sheva, IL)

Case Study I	Gabriele Dell'Era (Novara, IT)
Case Study II	Venkatakrishna Tholakanahalli (Minneapolis, US)
Case Study III	Laszlo Geller (Budapest, HU
Case Study IV	Bengt Herweg (Tampa, US)



WALDO ROOM 12:30 - 02:00 pm JOSEPHSON ROOM 12:30 - 02:00 pm

### **LUNCHEON PANEL**

### **CARDIONEUROABLATION:**

### A NEW FRONTIER FOR THE TREATMENT OF SYNCOPE AND MORE...

Chairpersons: Ali Oto (Ankara, TK) - Veronica Dusi (Turin, IT)

Cardio-neuroablation and syncope: state of the art and future perspectives	Jose C. Pachon Mateos (Sao Paulo, BR)
Patient Population: Evidence from Cardioneuroablation in different types of patients	Philippe Debruyne (Bonheiden, BE)
Focus on techniques: Debate	
- Why I do right and left atrial GP ablation	Sebastian Stec
	(Rzeszów, PL)
- Why I do like "only" right atrial GP ablation	Leonardo Calò
, ,	(Rome, IT)
•	Cristiano Pisani
Cardioneuroablation and AF	(Sao Paulo, BR)

### **LUNCHEON PANEL**

### **CIED THERAPY:**

### **EVOLVING LEADLESS AND EXTRAVASCULAR TECHNOLOGIES**

Chairpersons: Rakesh Gopinathannair (Kansas City, US) - Carlo Pignalberi (Rome, IT)

Leadless Pacing: from VVI to AV synchrony with a single ventricular device	Danilo Ricciardi (Rome, IT)
What is the Role of Dual-Chamber Leadless Pacemaker yin the Modern Era of Cardiac Pacing?	Elisa Pelissero (Ciriè, IT)
Leadless cardiac pacing for young adults: benefits and challenges	Giuseppe Arena (Massa, IT)
When Should You Select Extravascular ICD vs Transvenous ICD?	Andrea Russo (Camden, US)
11 years of Italian clinical evidence in leadless pacing. What have we learned?	Giulio Zucchelli (Pisa, IT)



**COUMEL ROOM** 02:00 - 03:30 pm

## **SANTINI ROOM** 02:00 - 03:30 pm

### **ANCILLARY EVALUATIONS AND REQUIREMENTS OF AF ABLATION**

Chairpersons: Augusto Pappalardo (Rome, IT) - Jeffrey R. Winterfield (Charleston, US)

What is the Role of TEE and ICE in 2025?	Alessio Borrelli (Rome, IT)
Are NOAC/DOAC, and factor XI anticoagulation Mandatory Before, During, and After Ablation in the next 5 years.	Maria Chiara Gatto (Rome, IT)
Hypnotic communication for periprocedural analgesia during transcatheter ablation of atrial fibrillation	Alberto Battaglia (Asti, IT)
III WV AF ablation Survey	Silvia Magnani (Milan, IT)

### **MEET THE EXPERT UNPLUGGED**

Chairpersons: Claudia Amellone (Turin, IT) - Jerko Ferri Certic (Dubrovnik, HR)

OSAS and arrhythmias	Andrea Mazza (Orvieto, IT)
Arrhythmias in pregnancy	Maria Lucia Narducci (Rome, IT)
Diets and arrhythmias	Anna Vittoria Mattioli (Bologna, IT)
Flecainide update 2025	Alessandro Capucci (Bologna, IT)
ICD dilemmas in patients with "primary VF" in N-STEMI	Ciro Indolfi (Catanzaro, IT)



WALDO ROOM 02:00 - 03:30 pm

JOSEPHSON ROOM 02:00 - 03:30 pm

### **HRS-ECAS SPECIAL SESSION**

### ARRHYTHMOGENIC CARDIOMYOPATHY:

### **CHALLENGE OF NEW MANAGEMENT AND THERAPEUTIC CHALLENGES**

Chairpersons: Marina Cerrone (New York, US) - Firat Duru (Zurich, CH)

Genotype dependent ECG manifestation	Richard Hauer (Utrecht, NL)
Genotype-phenotype correlation of non-desmosomal ACM	Paolo Cerea (Milan, IT)
Background of exercise reduction	Ardan Saguner (Zurich, CH)
Current therapeutic options in ACM	Firat Duru (Zurich, CH)
Towards gene-therapy	Mario Delmar (New York, US)

# ETHICS AND SUSTAINABILITY IN CRM TECHNOLOGICAL INNOVATION: THE DILEMMA OF DOING AND NOT DOING

Chairpersons: Amir Kol (Rieti, IT) - Vincenzo Ezio Santobuono (Bari, IT)

AF ablation: does age matters?	Laura Vitali Serdoz (Fürth, DE)
Device therapy. The hardware issue: less is more?	John Catanzaro (Greenville, US)
End-of-life management in ICD patients: between a due therapy and therapeutical futility	Francesco Vetta (Avezzano, IT)
Collecting data by self-management mobile Apps, multisensors devices and Al: are we ready to handle this amount of data?	Manuela Bocchino (Rome, IT)



**COUMEL ROOM** 04:00 - 05:30 pm

### **HIGHLIGHT SESSION**

#### **GUIDELINES FOR AF ABLATION: TOWARDS A PARADIGM SHIFT?**

Chairpersons: Sakis Themistoclakis (Mestre, IT) - Paul J. Wang (Stanford, US)

ESC Guidelines on catheter ablation of AF	Marwan Refaat (Beirut, LB)
ACC/AHA/HRS Guidelines	Marco Schiavone (Milan, IT)
ECAS Guidelines	Riccardo Cappato (Milan, IT)
Commentary to guidelines presentation from ESC, ACC/AHA/HRS and ECAS. Towards a paradigm shift?	Paul J. Wang (Stanford, US)
Roundtable: Towards a more rigorous model of Guideline production?	(faculty and audience)

**SANTINI ROOM** 04:00 - 05:30 pm

#### **ECAS/WSA JOINT SESSION 1**

**DEBATE 1: COME ON!!** 

**CO**nduction SysteM Everywhere Pacing Sh**O**uld Replace The No Longer

**Necessary CRT Approach!!** 

Chairpersons: Giovanni Coluccia (Tricase, IT) - Venkatakrishna Tholakanahalli (Minneapolis, US)

Commentator:	Tina Baykaner (Stanford, US)
Protagonist:	Bengt Herweg (Tampa, US)
Antagonist:	John Catanzaro (Greenville, US)

### **ECAS/WSA JOINT SESSION**

**DEBATE 2: Antiarrhythmic Drugs Generally Should Be the First Line Rhythm Control Approach for Most AF Patients** 

Chairpersons: Thomas F. Deering (Atlanta, US) - Pasquale Notarstefano (Arezzo, IT)

Commentator:	(Dallas, US)
Protagonist:	Christian Sohns (Bad Oeynhausen, DE)
: Antagonist:	Omar Kreidieh (New Orleans, US)

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**WALDO ROOM** 04:00 - 05:30 pm **JOSEPHSON ROOM** 04:00 - 05:30 pm

### **INFECTIONS AND LEAD EXTRACTIONS**

Chairpersons: Maria Grazia Bongiorni (Pisa, IT) - Giampiero Maglia (Catanzaro, IT)

CIED infections and risk factors: how the Reinforce study has changed the scenario	Matteo Ziacchi (Bologna, IT)
Disinfectants, antimicrobials, antibiotics, resorbable wraps, P how much confusion about CIED infection prevention	PE: Rosario Cultrera (Ferrara, IT)
CIED Infections — Insights from the Latest Data	Benito Baldauf (Kiel, DE)
Lead's extraction: comparing techniques	Gianfranco Mitacchione (Milan, IT)
When, how and which device to re-implant after leads extraction	Giuseppe Stifano (Rome, IT)

### **CARDIAC CONTRACTILITY MODULATION**

Chairpersons: Antonio D'Onofrio (Naples, IT) - Luca Santini (Rome, IT)

Patient selection for CCM therapy: criteria and challenges	Francesco Zanon (Rovigo, IT)
Ongoing clinical investigations with cardiac contractility modulation	Andrea Madeo (Castrovillari-CS, IT)
CCM and Heart Failure:	Jürgen Kuschyk
Improving Outcomes, Redefining the Future	(Mannheim, DE)
Integrating CCM into the Multidisciplinary	Nadia Aspromonte
Management of Heart Failure	(Rome, IT)



**COUMEL ROOM** 05:30 - 06:30 pm

## VENTRICULAR TACHYCARDIA ABLATION: UPDATE 2025

Chairpersons: Ermenegildo de Ruvo (Rome, IT) - Cristiano Pisani (Sao Paulo, BR)

Mechanisms and Tissue Effects of PFA in VT Ablation	Douglas L. Packer (Salt Lake City, US)
Safety Considerations in PFA Ablation for VT	Filippo Cauti (Milan, IT)
Role of Preprocedural CTA, MR Imaging or Both For VT Ablation?	Marco Valerio Mariani (Rome, IT)

**SANTINI ROOM** 05:30 - 06:30 pm

### **ECAS/WSA JOINT SESSION 2**

dedicated to the memory of Massimo Santini
Existing Arrhythmia Controversies And GapS Worthy of
Society Arrhythmia Input

Chairpersons: Antonello Castro (Rome, IT) - Thomas F. Deering (Atlanta, US)

Introduction	Ali Oto (Ankara, TK)
CIED Remote Heart Failure Monitoring: Great Idea or Overhyped Thought!	Luca Santini (Rome, IT)
VT Ablation: Say VANISH 2/To Drugs?	Federico Turreni (Orvieto, IT)
Leadless Pacing: Binary Choice: When You Should, When You Should Not	Ali Oto (Ankara, TK)
Device-Detected AF: OAC, Nothing, More Information???	Carlos Morillo Zarate (Calgary, CA)



WALDO ROOM 05:30 - 06:30 pm

JOSEPHSON ROOM 05:30 - 06:30 pm

## BASIS FOR UNDERSTANDING AF ABLATION IN PATIENTS WITH CARDIOMYOPATHY

Chairpersons: Sabina Ficili (Colleferro, IT) - Sime Manola (Zagreb, HR)

Clinically Relevant Biophysics of RF, Cryo, and PFA For Ablating Persistent AF.	Johannes Brachmann (Coburg, DE)
Guidelines, Methods and Outcomes of AF Ablation in Patients with HFrEF Cardiomyopathies.	Michele Magnocavallo (Rome, IT)
Outcomes of AF Ablation in Hypertrophic Cardiomyopathies	Carmine De Lucia (Barcellona, ES)

### **ECAS – JHRS JOINT SESSION. SCREENING OF AF**

Chairpersons: Riccardo Cappato (Milan, IT) - Hiroshi Tada (Tokyo, JP)

Atrial Fibrillation screening using wearable devices	Yoshinao Yazaki (Tokyo, JP)
AF Screening: for how long?	Margherita Padeletti (Florence, IT)
Atrial fibrillation screening: burden or benefit for patients and the healthcare system?	Keitaro Senoo (Kyoto, JP)
Concluding Remarks	Minang P. Turakhia (Stamford, US)

18th Annual Congress of the European Cardiac Arrhythmia Society



Monday May 19, 2025 06:30 - 07:15 pm Coumel Room

SPECIAL LECTURE MARK JOSEPHSON
DEDICATED TO THE MEMORY OF MASSIMO SANTINI

Catheter ablation: evolution and efficiencies

Bradley P. Knight (Chicago, US)

# CONGRESS SCIENTIFIC PROGRAM TUESDAY, MAY 20







**COUMEL ROOM** 08:30 - 10:00 am

### **VT ABLATION:**

### **INNOVATIONS IN ELECTRO-ANATOMIC MAPPING AND ENERGY SOURCES**

Chairpersons: Andrea Avella (Rome, IT) - Lucia De Luca (Rome, IT)

When is Epicardial Mapping Mandatory in VT Ablation: Clue From Disease State, ECG Patterns in VT, and Endocardial Ma	
Mapping Tricks for Discovering Critical Mid-Myocardial Sites Origin in Underlying Ischemic vs Nonischemic Myocardium.	
Utility of Combined Heated SERF Needle Electrode and PFA Ablation	Douglas L. Packer (Salt Lake City, US)
Particle/ Photon Therapy External Ablation: Safety and Effic	cacy H. Immo Lehmann (Salt Lake City, US)
Ethanol ablation for ventricular arrhythmias	Antonio Creta (London, UK)

**SANTINI ROOM** 08:30 - 10:00 am

### THE STATE OF INTERVENTIONAL APPROACHES IN MANAGING CARDIAC DYSAUTONOMIAS

Chairpersons: Luca Cacciotti (Rome, IT) - Sandhu Roopinder (Calgary, CA)

Challenges in cardiac dysautonomia management: opening the door for interventional approaches	Andrea Giomi (Florence, IT)
Vagal AF Induction Test - VAFIT. A New Endpoint for Improving AF Ablation Outcomes by Cardioneuroablation	Jose C. Pachon Mateos (Sao Paulo, BR)
Cardioneuroablation for Vasovagal syncope: Where are we in 2025?	Rakesh Gopinathannair (Kansas City, US)
The role of percutaneous stellate ganglion block for electrical storms	Roberto Rordorf (Pavia, IT)



**WALDO ROOM** 08:30 - 10:00 am

### **JOINT SESSION ECAS - HEART SUCCESS FOUNDATION: HEART FAILURE THERAPY FOR THE ARRHYTHMOLOGIST - THE REVOLUTION**

Chairpersons: Dobromir Dobrev (Essen, DE) - John D. Fisher (New York, US)

Heart Failure trajectories, beyond the LVEF-centric classification of Heart Failure	Luciano De Biase (Rome, IT)
Heart failure with preserved function: are all beta-blockers the same?	Giuseppe Rosano (London, UK)
GLP-1 in heart failure: where do we stand?	Vincenzo Guido (Rome, IT)
Heart failure and iron deficiency	Maurizio Volterrani (Milan, IT)

### **JOSEPHSON ROOM** 08:30 - 10:00 am

### **IMPLANTABLE CARDIAC MONITOR**

Chairpersons: Rui Providencia (London, UK) - Minang P. Turakhia (Stanford, US)

Implantable Loop Recorders: From Current Clinical Practice to Potential Future Applications.	Francesca Esposito (Avellino, IT)
Can new generations of ICM play a role in the management of heart failure patients?	Emanuele Canali (Rome, IT)
The role of ICM in assessing long term safety of cardioneuroablation	Giovanni Marano (Mercogliano, IT)
Improving patient care through remote programming ICMs	Dario Argiolas (Sassari, IT)
ICM for implementing long term cardiac monitoring pathways for atrial fibrillation detection: neuro and cardio collaboration	Leonardo Pantoni (Milan, IT)



**COUMEL ROOM** 10:30 am - 12:30 pm

# AF ABLATION: POST-PROCEDURAL TREATMENT AND FOLLOW-UP STRATEGIES

Chairpersons: Filippo Stazi (Rome, IT) - Bich Lien Nguyen (Rome, IT)

Amio for LS-Persistent AF	Eli Ovsyshcher (Beer Sheva, IL)
Stop OAC after successful ablation	Gerhard Steinbeck (Munich, DE)
Blanking phase: is it still a meaningful segment of follow-up assessment?	Mark N. Estes (Pittsburg, US)
Is Early AF Ablation Clearly Superior to Alternative Timing	Giuseppe Lumia (Rome, IT)
Alcohol consumption after successful ablation: a re-iterative risk precipitant?	Prapa Kanagaratnam (London, UK)
Explainable Artificial Intelligence and outcome prediction in AF	Ulrich Schotten (Maastricht, NL)

**SANTINI ROOM** 10:30 am - 12:30 pm

#### **PLACEBO EFFECT IN CARDIOLOGY**

Chairpersons: Giulia Magliano (Rome, IT) - Carla Riganti (Naples, IT)

Patient reported outcome in clinical trials assessing placebo effect	Rui Providencia (London, UK)
In catheter ablation	Rajdip Dulai (Eastburn, UK)
In anti-arrhythmic drug treatment	Igor Diemberger (Bologna, IT)
In coronary artery disease	Christopher A. Rajkumar (London, UK)
Placebo Effect on Health-Related Quality of Life in Heart Failure patients	Lida Pieretta Papavasileiou (Athens, GR)
Remote Control of CIEDs: Exploring the psychological impact and the patients perspectives	Emanuela Locati (Milan, IT)



**WALDO ROOM** 10:30 am - 12:30 pm

#### **RHYTHM MANAGEMENT IN HEART FAILURE: AN EMERGING GAME CHANGER?**

Chairpersons: Francesco Fedele (Rome, IT) - Marwan Refaat (Beirut, LB)

Mechanisms of Arrhythmias in Heart Failure:	John Fisher
Which Comes First — The Chicken or the Egg?	(New York, US)
Atrial Fibrillation in HFpEF:	Abdul Parwani
Optimal Timing, Approaches, and Rationale	(Berlin, DE)
Ventricular Arrhythmia Management:	Giulio Zucchelli
Are We Ready for First-Line Therapy Based on Current Data?	(Pisa, IT)
ICD and CRT in Left ventricular assist device recipients: Outcomes and managing ICD therapies	Rakesh Gopinathannair (Kansas City, US)
Arrhythmic storm: update 2025	Roberto Rordorf (Pavia, IT)

The mission of ECAS is the promotion of excellence in the care of patients with cardiac arrhythmias.

**JOSEPHSON ROOM** 10:30 am - 12:30 pm

#### TELEMEDICINE, ARTIFICIAL INTELLIGENCE, **CONNECTED HEALTH**

Chairpersons: Fabrizio Ammirati (Rome, IT) - Jodie Hurwitz (Dallas, US)

Artificial Intelligence in Electrophysiology: Promise and Pitfalls	Sanjiv Narayan (Stanford, US)
How to predict sudden death with artificial intelligence: a challenge of the present or the future?	Sumeet Chugh (Los Angeles, US)
Smart watches and wearables in 2025: potential and limits	Marco Rebecchi (Rome, IT)
Miniaturization, remote programming and artificial intelligence of loop recorders and CIEDs	Giulio Molon (Negrar, IT)
Will artificial intelligence replace the art of medicine?	Gaetano M. De Ferrari (Turin, IT)



# 2° ECAS EDUCATIONAL COURSE SUNDAY & MONDAY





#### WELLENS ROOM DAY 1 - BASICS

Concepts of EP Chairpersons: Mark N. Estes (Pittsburgh, US) - Paul J. Wang (Sta	<b>8:30 - 10:00 am</b> inford, US)
Atrial and Ventricular Stimulation Maneouvers	Thorsten Lewalter (Munich, DE)
Mapping concepts and Energy Sources for Ablation	Massimo Tritto (Castellanza, IT)
ECG Features and Invasive Findings in Bradycardia	Roberto De Ponti (Varese, IT)
Diagnostics in SVT and Ablation of AVNR and AVRT Chairpersons: Karl-Heinz Kuck (Hamburg, DE) - Aman Chugh (A	<b>11:00 am - 12:30 pm</b> nn Arbor, US)
Differential Diagnosis of SVT in the EP laboratory	Bradley P. Knight (Chicago, US)
Catheter ablation of AVNRT	Thorsten Lewalter (Munich, DE)
Catheter ablation of WPW-Syndromes	Riccardo Cappato (Milan, IT)
: Case studies	Hussam Ali (Milan, IT)
* Case studies	Francesco Spera (Rome, IT)
ECG Tracings Chairperson: Gerhard Steinbeck (Munich, DE)	12:30 - 1:30 pm
Tachycardias: "ECG and IEGM Troubleshooting Quiz"	Laura Vitali-Serdoz (Fürth, DE) Dirk Bastian (Fürth, DE)

Understanding and Ablation Treatment of AF	2:00 - 3:30 pm
Chairpersons: Prapa Kanagaratnam (London, UK) - Andrea Russo	(Camden, US)
Concepts of AF ablation	Pedro Adragao (Lisboa, PT)
Energy Selection and Clinical Trials	Prapa Kanagaratnam (London, UK)
	Federico Ferraris (Turin, IT)
Case studies	Edoardo Bressi (Birmingham, UK)
Chanellopathies and "Idiopathic"  Ventricular Tachycardia  Chairpersons: Marina Cerrone (New York, US) - Massimo Tritto (Ca	<b>4:00 - 5:30 pm</b> stellanza, IT)
changersons. Marina cerrone (New York, 03) Massimo fricto (ca	Marina Cerrone
Channelopathies — diagnostic work up and therapy	(New York, US)
Channelopathies — diagnostic work up and therapy  Diagnostic work up and catheter ablation of RVOT and LVOT	(New York, US)
	(New York, US)  Jeffrey R. Winterfield



#### WELLENS ROOM DAY 2 - ADVANCED

"Deep Dive" into Cardiac Electrophysiology	8:30 - 10:00 am	
Chairpersons: Carlo Lavalle (Rome, IT) - Douglas L. Packer (Rochester, US)		
Understanding atrial Signals	Marco Schiavone (Milan, IT)	
Troubleshooting and propper use of high density mapping	Graziana Viola (Nuoro, IT)	
Mapping Concepts of Ventricular Tachycardia	Douglas L. Packer (Rochester, US)	
"Organised" Atrial Tachyarrhythmias	10:30 am - 12:00 pm	
Chairpersons: Bradley P. Knight (Chicago, US) - Sanjiv Narayan (Stanford, US)		
Mapping and Ablation of "de novo" AT and atypical AFL	Tina Baykaner (Stanford, US)	
Understanding and treatment of "man-made" atrial tachyarrhythmias	Karl-Heinz Kuck (Hamburg, DE)	
•	Martina Nesti (Pisa, IT)	
Case studies	Graziana Viola (Cagliari, IT)	
LUNCHEON PANEL Leadless and Conduction System Pacing Chairpersons: Patrick Nagel (Berlin, DE) - Luca Santini (Rome, IT)	12:00 - 1:30 pm	
Leadless Pacing – "How-to" in clinical practice	Werner Jung (Villingen, DE)	
Implantation technique to achieve conduction system pacing	Francesco Zanon (Rovigo, IT)	
Programming and trouble-shooting in CSP	Grigorios Katsouras (Acquaviva delle Fonti, IT)	
Case studie: CSP	Giovanni Coluccia (Tricase, IT)	
Case studie: Leadless	Luca Segreti (Pisa, IT)	

"Masterclass of AF Ablation"	2:00 - 3:30 pm	
Chairpersons: Riccardo Cappato (Milan, IT) - Christian Sohns (Bad Oeynhausen, DE)		
Persistent AF in Pts. with all veins isolated - treatment concepts in the EP lab	Aman Chugh (Ann Arbor, US)	
How to ablate atrial fibrillation  — practical approach and trouble shooting	Prapa Kanagaratnam (London, UK)	
Case studies	Marco Polselli (Rome, IT)  Danilo Ricciardi (Rome, IT)	

Ventricular Tachycardia - Ablation and Device Treatment Chairpersons: Karl-Heinz Kuck (Hamburg, DE) - Douglas L. Packer	<b>4:00 - 5:30 pm</b> (Rochester, US)
VT ablation in Ischemic and non ischemic Heart Disease	Cristiano Pisani (Sao Paulo, BR)
VT ablation in rare variants like ARVC, non-compaction and channelopathies	Laura Rottner (Frankfurt, DE)
Choosing Between S-ICD and EV-ICD: Patient Selection and Clinical Decision-Making	Mauro Biffi (Bologna, IT)

FINAL EXAM 5:30 - 6:30 pm

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The mission of ECAS is the promotion of excellence in the care of patients with cardiac arrhythmias.



JOSEPHSON ROOM 10:00 am - 11:30 am

# ORAL COMMUNICATION SESSION PHARMACOLOGICAL AND NON-PHARMACOLOGICAL TREATMENT OF CARDIAC ARRHYTHMIAS

Chairpersons: Claudia Cataldi (Rieti, IT) - Claudio Pratola (Ferrara, IT)

Safety Assessment of an Outpatient Sotalol Initiation Protocol	Alberto Pereira Ferraz (Sao Paulo, BR)
Pulse Field Ablation for Refractory Ventricular Tachycardia: A Pioneering Case	Cristian Martignani (Bologna, IT)
Pure Personalized Atrial Fibrillation Ablation — The PURE-BY-LAWT Approach — A Propensity Matched Study	Dario Turturiello (Barcelona, ES)
Feasibility of Novel Double Balloon Ultra Short Duration Steam Power Ablation Technology for Atrial Fibrillation	Venkatakrishna Tholakanahalli (Minneapolis, US)
Deep learning CNN models useful for Coronary segmentation in patients in atrial fibrillation	Marouane Mahjoub (Monastir, TN)
Impact of vein of Marshall ethanol infusion combined with anatomical lesions in patients with persistent atrial fibrillation	Michele lavarone (Naples, IT)
First-in-man assessment of a novel atrial fibrillation activation mapping system	Oliver Jones (London, UK)
Ablate and Pace in Cardiogenic Shock: A Rescue Strategy Combining AV Node Ablation and CRT for Refractory Atrial Fibrillation	Davide Bonadies (Salerno, IT)
Magnetic Resonance guided Stereotactic Radioablation for Septal Ventricular Tachycardias	Michele Magnocavallo (Rome, IT)

**WELLENS ROOM** 10:00 am - 11:00 am

## ORAL COMMUNICATION SESSION CARDIAC PACING

Chairpersons: Giovanna Giubilato (Rome, IT) - Andrea Spampinato (Rome, IT)

Digital Health and Al Genomic Sequencing for Rapid Pathogen Identification in CIED Infections	Benito Baldauf (Bremerhafen, DE)
Uncovering the Potential Relationship Between Enhanced Pocket Healing and the Effect on S-ICD Lead Impedance with Biologic Device Envelopes	John Catanzaro (Greenville, US)
Validating R-Wave Peak Time as a Surrogate for Lateral Wall Activation in Conduction System Pacing	Keerthana Sriram (London, UK)
Navigating Postoperative Challenges after aortic valve surgery: nodal and sub-nodal Conduction Disturbances	Lucia Elena Laiso (Turin, IT)
Optimization of the Atrioventricular Delay in Conduction System Pacing: a Clinical Insight From a Case Report	Nguyen Quang Minh (Bethlehem, US)
Novel Epicardial Bachman Bundle Pacing: Feasibility and Clinical Significance in Heart Failure with Preserved Ejection Fraction	Venkatakrishna Tholakanahalli (Minneapolis, US)



**COUMEL ROOM** 12:30 - 02:00 pm

#### **BOSTON SCIENTIFIC SATELLITE LUNCHEON PANEL ADVANCES IN ARRHYTHMIA MANAGEMENT: MODULAR THERAPY, CUSTOMIZED ABLATION, AND BEYOND**

A Paradigm Shift in Sudden Cardiac Death Prevention Therapy:	Roberto Rordorf
The Modular Approach	(Pavia, IT)
Developments in Pulsed Field Ablation for Atrial Fibrillation	Michele Magnocavallo
Treatment: Customizing Workflow and Improving Precision	(Rome, IT)
FA Ablation Meets Left Atrial Appendage Closure:	Giulio Molon
The OPTION Trial	(Negrar, IT)

Discussion



**E-POSTER AREA** 03:30 - 04:00 pm

#### **CHAIRED POSTER SESSION HEART FAILURE AND SUDDEN CARDIAC DEATH**

Chairpersons: Francesco Adamo (Rome, IT) - Giovanna Giubilato (Rome, IT)

1. Is RBM20 gene associated with severe heart failure and AF, and do we know everything about its role in cardiac modification and manifestations	Barbara Shkodrani (Rome, IT)
Long-term survival from out-of-hospital cardiac arrest: data from a prospective registry for the Years 2020-2023 in the Italian Province of Varese	Carlo Arnò (Varese, IT)
3. Impact of Vericiguat therapy on ICD implant elegibility in HFrEF patients	Chiara Carabotta (Rome, IT)
4. Infective endocarditis complicated by heart failure	Marouane Mahjoub (Monastir, TN)
The Arrhythmic Mitral Valve Prolapse Syndrome: a new Insight for Understanding the Arrhythmogenic Substrate?	Rahul Ghelani (London, UK)
6. The Relationship between Ventricular Scar and Whole Heart Electrophysiology in Hypertrophic Cardiomyopathy	Rahul Ghelani (London, UK)



**JOSEPHSON ROOM** 10:00 - 11:00 am

# ORAL COMMUNICATION SESSION AUTONOMOUS NERVOUS SYSTEM, SYNCOPE AND SUDDEN CARDIAC DEATH

Chairpersons: Nicola Pierucci (Rome, IT) - Claudio Pratola (Ferrara, IT)

Emerging role of percutaneous left stellate ganglion block for the acute management of supraventricular arrhythmias:  a single center experience	Arianna Morena (Turin, IT)
Continuous percutaneous left stellate ganglion block as a bridge to left cardiac sympathetic denervation in an infant with intrauterine-onset high risk long QT syndrome	Pierre Meynet (Turin, IT)
Epicardial Activationrepolarization Analysis for Sudden Cardiac Death Risk Assessment in Hypertrophic Cardiomyopathy: Initial Insights from the Predict VF2 Study	Rahul Ghelani (London, UK)
Retrospective validation of an algorithm for the etiologic diagnosis of unexplained syncope in patients with hypertrophic cardiomyopathy	Viola Roselli (Florence, IT)
POTS management: how tricky can it be? A case report	Alessandro Marzocco (Forence, IT)

E-POSTER AREA 03:30 - 04:00 pm

## CHAIRED POSTER SESSION INVASIVE CARDIAC ELECTROPHYSIOLOGY

Chairpersons: Francesco Laurenzi (Rome, IT) - Marco Valerio Mariani (Rome, IT)

7.	Pulsed Field Ablation for Premature Ventricular Contraction-Induced Cardiomyopathy: A Case Report	Cristian Martignani (Bologna, IT)
8.	A case report of Marfan Syndrome: ready to triple in a very unlucky family	Giovita Antonella Piccillo (Catania, IT)
9.	Balloon Mitral Valvotomy for patients with mitral stenosis in atrial fibrillation: Immediate and long term prognosis	Marouane Mahjoub (Monastir, TN)
10.	Assessing the Efficacy and Safety of the Watchman Flex Device for Left Atrial Appendage Closure in setting Africa	Marouane Mahjoub (Monastir, TN)
11.	Short-and medium-term complications of cardiac implantable device:10 years of experience in the cardiology department (A) of Monastir	Marouane Mahjoub (Monastir, TN)
12.	Spatiotemporal Stability of Uniform Planar Waves during persitent Atrial Fibrillation	Oliver Jones (London, UK)



# NO CME TUESDAY May 20 SESSIONS 10:00 - 10:30 am

**E-POSTER AREA** 10:00 am - 10:30 am

## CHAIRED POSTER SESSION CLINICAL ELECTROPHYSIOLOGY

Chairpersons: Hussam Ali (Milan, IT) - Annalisa Ricco (Rome, IT)

13.	The Association of Orthostatic Hypotension Variants with Falls - An Analysis of the TILDA study	Catriona Reddin (Galway, El)
14.	Bradyarrhythmias and SARSCoV-2 infection: an exploratory investigation	Margherita Casiraghi (Varese, IT)
15.	Autonomous Nervous System, Syncope and Sudden Cardiac Death Right atrial cardioablation for cardioinibitory syncope	Domenico Mario Giamundo (Rome, IT)
16.	First postpacing interval after tachycardia entrainment with correction for atrioventricular node delay	Marouane Mahjoub (Monastir, TN)
17.	Interest of ventricular pacing for differentiation of atypical atrioventricular node reentrant tachycardia from orthodromic reciprocating tachycardia using a septal accessory pathway	Marouane Mahjoub (Monastir, TN)
18.	Risk stratification using right bundle branch block and SIQIIItype patterns in patients with acute pulmonary embolism (From PERMIR)	Marouane Mahjoub (Monastir, TN)

18th Annual Congress of the European Cardiac Arrhythmia Society





#### **ORAL COMMUNICATIONS**

The oral communication sessions will be held in different rooms as scheduled in the Scientific Program.

#### **POSTER SESSIONS**

The selected poster presentations will be displayed on May 18 and 19, in the Coffee Area daily from 9:00 am to 7:00 pm.

Posters will be grouped by subject and will be presented and chaired on May 18 and 19 from 3:30 pm to 4:00 pm as scheduled in the Scientific Program.

# Supplement Issue of the Journal of Cardiovascular Electrophysiology (JCE)

The abstracts selected as oral, or/and poster presentations will be published in a Supplement Issue of the Journal of Cardiovascular Electrophysiology (JCE), the official journal of the ECAS.

#### **CREDITS & ACCREDITATION**

#### **CONGRESS**



• Nr. 14 credits - ITALIAN CME (Continuing Medical Education)

Credits will only be recognised to the Italian faculty, as Delegate.

The congress will be accredited for Physicians and Allied Professionals for the full congress.

(DISCIPLINES: Anesthesia and Resuscitation, Angiology, Vascular Surgery, Cardiology, Cardiac Surgery, Endocrinology, Pharmacology and Clinical Toxicology, Geriatrics, Medicine and Surgery and Admission and Emergency, Internal Medicine, Neurology, GP, Sports Medicine, Continuity of care)

#### • Nr. 19,50 credits - INTERNATIONAL CME — EACCME

(European Accreditation Council of Continuing Medical Education)



Credits will only be recognised, as Delegate.

"The 18th Annual Congress of the European Cardiac Arrhythmia Society, ROME, Italy 18/05/2025 - 20/05/2025, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 19.5 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity."

"Through an agreement between the Union Européenne des Médecins Spécialistes and the American Medical Association, physicians may convert EACCME® credits to an equivalent number of AMA PRA Category 1 CreditsTM. Information on the process to convert EACCME® credit to AMA credit can be found at https://edhub.ama-assn.org/pages/applications

Live educational activities occurring outside of Canada, recognised by the UEMS-EACCME® for ECMEC® credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada.

#### **EDUCATIONAL COURSE**



• Nr. 14 credits - ITALIAN CME (Continuing Medical Education)

The Educational Course will be accredited for cardiologist for the full course.



#### ATTENDANCE RECORDING

#### **CONGRESS AND EDUCATIONAL COURSE**

Actual attendance will be recorded by badge reading via a portal or laser reader when entering and leaving the Congress Area. Passage is therefore compulsory in order to be entitled to credits in addition to attendance for at least 90% of the training hours of the Congress and Course attended. For participants in the Educational Course, badges are read by laser reader outside the hall.

#### Participants entitled to credits must fill in:

Evaluation form and multiple-choice questionnaire (only for CME Accreditation) (correct answer to at least 75% of the questions).

Detailed information will be provided by e-mail at the end of the conference and course.

#### **CERTIFICATE OF ATTENDANCE**

Certificates of attendance will be e-mailed after the congress by the Organizing Secretariat.

#### **CHANGES IN PROGRAM**

For scientific and/or technical reasons the Program Committee, the Organizing Committee and the Secretariat reserve the right to make any change in the program.

#### **HOME PAGE**

All information regarding the congress will be up-to-date and available on the website:

www.ecas-heartrhythm.org/annual-congress

# THE CONGRESS VENUE A.ROMA LIFESTYLE HOTEL - Via Gregorio Zoega 59, Rome

#### **HOW TO GET TO THE CONGRESS**

#### **TERMINI RAILWAY STATION:**

is only 10 km from the hotel and can be easily reached by car in about fifteen minutes. Alternatively, a bus service is available. Take bus H from Piazza Biagio Pace and get off directly at Termini railway station, after a journey of approximately 40 minutes.

#### **LEONARDO DA VINCI INT. AIRPORT:**

is 22 km from the hotel and, via the Grande Raccordo Anulare (GRA), the journey takes approximately 20 minutes by car.

**HOW TO GET TO THE CITY CENTER -** The hotel is connected to the centre of Rome by tram line 8.

**A SHUTTLE SERVICE** - with an 8-seater minion at € 5.00 each way is available at the following times:

from the Hotel to the St. Mark's Square

4:30 pm - 6:00 pm - 7:30 pm - 9:00 pm - 10:30 pm

from the St. Mark's Square to the Hotel

5:15 pm - 6:45 pm - 8:15 pm - 9:45 pm - 11:15 pm

The van must be booked at the Hotel Reception. Availability is not guaranteed.

#### **ORGANIZING SECRETARIAT**

ion Indu

Adria Congrex srl

Via Sassonia, 30 - 47922 Rimini www. adriacongrex.it Registration & Accommodation

ecas2025@adriacongrex.it phone +39 0541 305 823

**Industry Relations** 

r.reggiani@adriacongrex.it mobile +39 335 7188 544

The Registration desk is located in the Basement Floor of the Congress Area.

The organizing secretariat will be operational at the following times:

MAY 18: 7:30 am - 7:00 pm

MAY 19: 7:30 am - 7:15 pm

MAY 18: 8:00 am - 12:30 pm

The secretariat can be reached at ecas2025@adriacongrex.it and from May 17, at the following cell phone number: +39 335 7188 544 Rita.





#### THE EXHIBITION

The exhibition will be located on the basement level of the Congress Area with easy access to the main session rooms, leaving ample space for interaction with attendees. The area will be accessible during session hours.

#### **REGISTRATION FEES**

\*VAT not included

ECAS MEMBER €300,-\*

NON MEMBER €400,-\*

INDUSTRY €450,-\*

#### Fees include:

- participation in all scientific sessions
- · free admittance to exhibition areas
- participation in the Opening Ceremony
- · certificate of attendance
- access to the Luncheon Panels (while seats last)
- access to Coffee breaks
- CME credits for those who complete the training hours
- INTERNATIONAL CME EACCME credits for ONLY CARDIOLOGIST who complete the training hours

#### Fees will be waved to:

Faculty members, Abstract and poster presenters, Attendants under 40 years of age, Allied Professionals, Students and Fellows during their training\* (Justification required).

\*Only under 40 years of age or with a letter of the chief of Division to be sent by email before the congress, otherwise regular fees will be applied on site.

WI-FI - free Internet wi-fi will be provided anywhere in the congress venue

#### **REGISTRATION FOR THE ECAS CONGRESS**

Either free of charge or by payment, must be made exclusively online via the link:

https://bit.ly/ecas2025

#### **REGISTRATION FOR THE EDUCATIONAL COURSE**

The registration is free and limited to a maximum number of 60 participants. Registration must be made exclusively online via the link:

https://bit.ly/ecas-ec

The Organizing Committee wishes to express its gratitude to the following Companies for their unconditioned support to the Congress:





















































# **ECAS**<sup>8</sup>



## 19<sup>TH</sup> ANNUAL CONGRESS OF THE EUROPEAN CARDIAC ARRHYTHMIA SOCIETY

MAY 10-12, 2026 MUNICH

This is an invitation to attend the nineteenth Annual Scientific Congress of the European Cardiac Arrhythmia Society "ECAS 2026", which will be held in Munich, Germany, from 10 to 12 May at the Leonardo Royal Hotel Munich. All those who have

attended previous editions of the ECAS Congress know that it is a highly scientific and educational event in a convivial atmosphere that encourages

interaction between "masters" and younger participants. ECAS Congresses are indeed unique. They offer participants an authentic academic experien-

ce, where young, passionate colleagues engage in open, infimate and informal discussions with mentors who have inspired them on their profes-

sional journeys. Importantly, the third edition of the successful ECAS Educational Course will also take

INVITATION

More information and registration:



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# CONGRESS VENUE

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NOTES		

### **ECAS 2025**





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