

XVI international
symposium
on progress
in **clinical pacing**

ROME, ITALY - DECEMBER 2-5, 2014 - ERGIFE PALACE HOTEL



SCIENTIFIC PROGRAMME

Tuesday, December 2

8:30-10:00 | Room 4

**INTERVENTIONAL EP CURRICULUM
ALUMNI MEETING**

Supported by St. Jude Medical

Directors: **P. Della Bella** (Milan, I)
G. Hindricks (Leipzig, D)

08:30 – 08:40 Welcome and Introduction

The Best of the Technology

08:40 – 09:00 Why are Contact Force catheters becoming my
catheters of choice?
M. O'Neill (London, UK)

09:00 – 09:20 Mediguide / Velocity: the couple which improves
my AF ablations
P. Sommer (Leipzig, D)

09:20 – 09:40 The Precision module enhances my VT ablations
P. Della Bella (Milan, I)

09:40 – 10:00 Flexability: a new generation for AF ablation catheters
F. Sacher (Bordeaux, F)

Tuesday, December 2

9:00-10:30 | Room 2

COURSE ON INTERVENTIONAL DEVICE IMPLANTATION

Director: **S.J. Worley** (Lancaster-PA, USA)

Session I

Chairs: **M.G. Bongiorni** (Pisa, I)
S.J. Worley (Lancaster-PA, USA)

The Basics of Interventional Device Implantation
T. Steen (Oslo, N)

How to Cross a Subclavian Occlusion for Venous Access
S.J. Worley (Lancaster-PA, USA)

How and when to perform subclavian venoplasty for venous access
E.C. Palma (New York-NY, USA)

How and when to perform femoral extraction
F.A. Bracke (Eindhoven, NL)

Retained wire lead extraction followed by subclavian venoplasty
M. Bernabei (Lancaster-PA, USA)

Tuesday, December 2

9:00-10:30 | Room 3

COURSE ON NOVEL ORAL ANTICOAGULANTS

Session I
State of the art

Chairs: **F. Ammirati** (Rome, I)
F. Crea (Rome, I)

Incidence and prevalence of thrombotic and haemorrhagic events with Warfarin
A. Polewczyk (Kielce, PL)

Difficulties in continued anticoagulation by Warfarin (TTR, food/drug limitation, costs)
D. Mocini (Rome, I)

Dabigatran: in RCT and in clinical practice
G. Di Pasquale (Bologna, I)

Rivaroxaban
I. Savelieva (London, UK)

Apixaban
F. Colivicchi (Rome, I)

Edoxaban
M. Lettino (Milan, I)



Tuesday, December 2

9:00-10:30 | Room 5

**RELIABILITY AND CLINICAL IMPACT
OF AUTOMATIC PACING PROGRAMMING**

Chairs: **D.K. Jhamb** (New Delhi, IND)
V. Tuzcu (Istanbul, TR)

Rate responsiveness
L.P. Papavasileiou (Athens, GR)

Automatic AV interval regulation
G. Sgarito (Palermo, I)

Auto threshold
R. Gupta (New Delhi, IND)

Antitachycardic atrial pacing
S. Porcellini (Paderno Dugnano-MI, I)

Antitachycardic ventricular pacing
N.O. Galizio (Buenos Aires, RA)

Automatic pacing programming in children
A.M. Sciegata (Buenos Aires, RA)

SCIENTIFIC PROGRAMME

Tuesday, December 2

9:00-10:30 | Room 7

**NEW TECHNOLOGY FOR PACING AND
ELECTROPHYSIOLOGY**
The Russian point of view

Chairs: **A. Revishvily** (Moscow, RUS)
A. Romanov (Novosibirsk, RUS)

Evolution of pacing and electrophysiology in Russia: key trends and results
A. Revishvily (Moscow, RUS)

Cryo technology in Russia: current experience and prospective
E. Mikhaylov (Saint Petersburg, RUS)

Use of Implantable Cardiac Monitor to improve AF management. What comes next?
A. Romanov (Novosibirsk, RUS)

ICD in Russia: moving to shock-free paradigm
N. Neminushiy (Moscow, RUS)

Tuesday, December 2

9:00-10:30 | Room 8

**OPTIMAL IDENTIFICATION AND MANAGEMENT
OF CRT PATIENTS**
Joint Session with ISHNE

Chairs: **D.T. Martin** (Burlington-MA, USA)
W. Zareba (Rochester-NY, USA)

QRS morphology: how to identify optimal ECG patterns CRT candidates?
W. Zareba (Rochester-NY, USA)

QRS duration >150 ms is it mandatory?
L. Gianfranchi (Ferrara, I)

Optimal management of AF patients with CRT
G. De Martino (Bari, I)

Quality of life in CRT patients
B. Sassone (Bentivoglio-BO, I)

Improvement on CRT outcome by renal denervation
E. Boschetti (Terni, I)

New methods of monitoring patients with devices
J.K. Wranicz (Lodz, PL)

SCIENTIFIC PROGRAMME

Tuesday, December 2

10:20-13:30 | Room 4

INTERVENTIONAL EP CURRICULUM ALUMNI MEETING

Supported by St. Jude Medical

Directors: **P. Della Bella** (Milan, I)
G. Hindricks (Leipzig, D)

The Boxe Ring

- 10:20 – 11:00 Stroke prevention after AF ablation
- Pro LAAO
P. Della Bella (Milan, I)
 - Pro NOACS
G. Hindricks (Leipzig, D)
- 11:00 – 11:40 A Contact Force controlled RF ablation strategy is better than a single shot device strategy
- Contact Force controlled RF ablation strategy
K. Rajappan (Oxford, UK)
 - Single shot device strategy
B. Schmidt (Frankfurt, D)

The Environment

- 11:40 – 12:10 European reimbursement for AF ablation
M. Siebert (Berlin, D)
- 12:10 – 12:40 How a Patient Association can help: the UK example
T.C.A. Lobban (Strutford Upon Avon, UK)

The Best Case Award

- 12:45 – 13:15 3 AF cases presentation by Alumni as selected by the IEPC Faculty
L. Macle (Montreal, CDN) - **M. Scaglione** (Asti, I)
- 13:15 – 13:20 Voting for the best case
C. Scavée (Brussels, B)
- 13:20 Award ceremony & Wrap-up
- 13:30 Closing



Tuesday, December 2

11:00-12:30 | Room 1

**NEWCOMERS IN PREVENTION AND TREATMENT
OF ATRIAL TACHYARRHYTHMIAS:
A COMPLETE ARMAMENTARIUM**

Chairs: **B. Gorenek** (Eskisehir, TR)
L. Padeletti (Florence, I)

MVP and atrial antitachycardia pacing and atrial preventive pacing reduce progression to long lasting AF and permanent AF

G. Inama (Cremona, I)

Role and benefits of MVP compared with standard dual chamber pacing

J. Cosedis Nielsen (Skejby, DK)

Impact of Reactive ATP on clinical outcomes

L. Mont (Barcelona, E)

Impact of MVP and atrial ATP on Health Care Utilization in pacemaker patients

G. Boriani (Bologna, I)

Remote monitoring of atrial arrhythmic burden allows optimal treatment of patients with implanted devices

G. Molon (Negrar-VR, I)

The role of pharmacological treatment to increase the efficacy of atrial preventive and antitachy pacing

R. Tukkier (Haarlem, NL)

Tuesday, December 2

11:00-12:30 | Room 2

COURSE ON INTERVENTIONAL DEVICE IMPLANTATION

Director: **S.J. Worley** (Lancaster-PA, USA)

Session II

Chairs: **M. Glikson** (Tel Hashomer, IL)
T. Steen (Oslo, N)

Systematic Use of a 9 Fr. ID Guide Support for LV Lead Placement: it's not about finding the CS, but what you can do when you are there
T. Steen (Oslo, N)

How to Perform Coronary Venoplasty for LV Lead Implantation and the potential complications
K. Ando (Kitakyushu, JP)

Snares for LV Lead Implantation: the most powerful technique for difficult LV lead insertion that often replaces venoplasty and anchor balloons
S.J. Worley (Lancaster-PA, USA)

How I use interventional techniques for LV lead Implantation
D. O'Donnell (Melbourne, AUS)

How to convert from a traditional to an Interventional Implant Program: The Sheba Experience
M. Glikson (Tel Hashomer, IL)

Interventional vs. Traditional Approach to Device Implantation
M. Glikson (Tel Hashomer, IL)



Tuesday, December 2

11:00-12:30 | Room 3

COURSE ON NOVEL ORAL ANTICOAGULANTS

Session II

Noacs troubles and troubleshooting

Chairs: **S.H. Hohnloser** (Frankfurt, D)
F. Romeo (Rome, I)

How to evaluate the therapeutic efficacy
L. Bianconi (Rome, I)

How to stop haemorrhages
V. Forte (Rome, I)

How to manage patients with renal insufficiency
G. Andrikopoulos (Athens, GR)

How to manage elderly patients
C. Karmelic Serrano (Santiago, RCH)

How to manage patients with previous cerebral haemorrhages
X. Viñolas Prat (Barcelona, E)

NOACS: are they all the same? When shifting from one to another NOAC?
F. Colivicchi (Rome, I)



Tuesday, December 2

11:00-12:30 | Room 5

**SUDDEN DEATH RISK STRATIFICATION
BY SURFACE ECG**

Chairs: **S. Saxena** (Chandigarh, IND)
G. Turitto (Brooklyn-NY, USA)

Long-QT: correct measurement and interpretation
A. Brandes (Odense, DK)

Early repolarization patterns
S. Foresti (Milan, I)

QRS fragmentation
R.F.E. Pedretti (Tradate-VA, I)

T wave alternans during exercise
T. Klingenhoben (Bonn, D)

Ecg changes in arrhythmogenic displasic cardiomyopathy
A. Campana (Salerno, I)

Ecg variables in Brugada syndrome: how to screen the false positive?
M. Shoda (Tokyo, JP)

Tuesday, December 2

11:00-12:30 | Room 6

FORUM ON ATRIAL FIBRILLATION

Session I

Pathology and natural history

Chairs: **C. De Chillou** (Nancy, F)
R. De Ponti (Varese, I)

Structural remodelling of left atrium in atrial fibrillation
R. Mantovan (Cesena-FC, I)

Atriomyopathy due to severe left atrial scarring
C. Storti (Pavia, I)

Correlation between MRI scar and low voltage areas in persistent atrial fibrillation
K. Uno (Tokyo, JP)

Predictors of atrial fibrillation recurrences
F. Bello Morgado (Lisbon, P)

Predictors of poor outcome in patients with atrial fibrillation
P. Halbfass (Coburg, D)

Reduced mortality by remote monitoring of atrial fibrillation
S. Bianchi (Rome, I)

Tuesday, December 2

11:00-12:30 | Room 7

**RENAL DENERVATION:
A MULTIPURPOSE TREATMENT**

Chairs: **E. Shlyakhto** (St. Petersburg, RUS)
G. Speciale (Rome, I)

The rationale behind Renal Denervation
B. Zrenner (Munich, D)

Technique, trouble and troubleshooting
C. Stefanadis (Athens, GR)

Long term benefits of renal denervation in resistant hypertension
M. Volpe (Rome, I)

Benefits of renal denervation in patients with heart failure
R. Hatala (Bratislava, SK)

Benefits of renal denervation in patients submitted to AF ablation
C. Stellbrink (Bielefeld, D)

Cost-benefit of renal denervation
V. Pasceri (Rome, I)



Tuesday, December 2

11:00-12:30 | Room 8

**UPDATE ON THE RISK STRATIFICATION OF SCD
AND VENTRICULAR TACHYARRHYTHMIAS
Joint Session with ISHNE**

Chairs: **N. El Sherif** (New York-NY, USA)
R. Piotrowicz (Warsaw, PL)

Early repolarization pattern: benign versus malignant
R. Piotrowicz (Warsaw, PL)

Nonsustained VT
C. Carbucicchio (Milan, I)

QRS fragmentation and amplitude
W. Zareba (Rochester-NY, USA)

QT variability
G. Piccirillo (Rome, I)

Very low frequency HRV in risk stratification
M. Gallagher (London, UK)

SCIENTIFIC PROGRAMME

Tuesday, December 2

12:30-14:00 | Room 1

“STATE OF THE ART” LECTURES

Chairs: **M. La Meir** (Maastricht, NL)
T. Nitta (Tokyo, JP)

Atrial fibrillation surgical treatment
A.S. Revishvili (Moscow, RUS)

Genetic arrhythmias: what's new
P.J. Schwartz (Milan, I)

Tuesday, December 2

12:30-14:00 | Room 2

“STATE OF THE ART” LECTURES

Chairs: **E. Crystal** (Toronto-ON, CDN)
T. Yamane (Tokyo, JP)

Laser endoscopic ablation
T. Lewalter (Munich, D)

Mechanisms and mapping of atrial fibrillation
O. Berenfeld (Ann Arbor-MI, USA)

SCIENTIFIC PROGRAMME

Tuesday, December 2

12:30-14:00 | Room 3

SCIENTIFIC PROGRAMME

LUNCHEON PANEL

**BUSINESS MEETS MEDICINE: PROCESS OPTIMIZATION
IN CARDIAC RHYTHM MANAGEMENT**

Chairs: **H. Bonnemeier** (Kiel, D)
L. Santini (Rome, I)

How to do things better?: Designing Innovative Operational Systems for Better Outcomes and Profits

K. Girotra (INSEAD Business School, France)

Driving efficiency at Karolinska: A NayaMed Center of Excellence

F. Gadler (Karolinska University Hospital, Sweden)

Stripping away the hidden costs: Outcomes of the Hospital Efficiency SuRvey PrOject

M. Biffi (Policlinico S. Orsola - Malpighi, Italy)

Tuesday, December 2

14:00-15:30 | Room 1

FORUM ON HEALTH TECHNOLOGY ASSESSMENT
Joint Session with World Society of Arrhythmias

Session I
**Impact of financial crisis on arrhythmia
treatment in Europe**

Chairs: **D.W. Davies** (London, UK)
P.E. Vardas (Heraklion, GR)

Sustainability of the Public Health System Cost in Europe
G.F. Gensini (Florence, I)

Evidence based comparison between arrhythmia invasive treatments and other
cardiological and non cardiological invasive procedures
G.L. Botto (Como, I)

Value of HTA in the evaluation of available CIED
C. Wolpert (Ludwigsburg, D)

Centralized purchase by regional or national tender: pros and cons
G. Boriani (Bologna, I)

The new concept of "Total Service" to provide low cost sets for cardiological invasive
procedures
N. Davidson (Manchester, UK)

SCIENTIFIC PROGRAMME

Tuesday, December 2

14:00-15:30 | Room 2

EURO-JAPAN ARRHYTHMIA FORUM (EJAF)

Session I

Impact of financial constraints on Public Health System Worldwide

Chairs: **K. Okumura** (Hirosaki, JP)
M. Santini (Rome, I)

The new concept of sustainability
J.C. Daubert (Rennes, F)

When and for which patient the “lower price” is acceptable in the CIED purchase?
C. Ermis (Antalya, TK)

Which scientific evidence is requested to evaluate “real added value” of devices new algorithms?
L. Padeletti (Florence, I)

Should we select different devices and treatments according to the patient 's age?
K. Matsumoto (Saitama, JP)

Are females with arrhythmias still undertreated also in industrialized countries?
A. Quesada (Madrid, E)

Optimal relationship among Regulators, Scientific Societies, Devices Industries: which future can we foresee?
K. Soejima (Tokyo, JP)



Tuesday, December 2

14:00-15:30 | Room 3

**LEADS: TECHNOLOGY, RELIABILITY AND MONITORING
AFTER 60 YEARS OF CARDIAC PACING**

Chairs: **L. Aguinaga** (Buenos Aires, RA)
A. Curnis (Brescia, I)

In what terms the cardiac leads are today different from the past: the role of design, testing and monitoring: the physician side

S. Iacopino (Bari, I)

In what terms the cardiac leads are today different from the past: the role of design, testing and monitoring: the industry side

TBA

The role of remote monitoring: does it help - and in what extent - to address safety of leads in the follow up?

M. Bertaglia (Mirano-VE, I)

CRT and high voltage lead today: have size and new design an impact on reliability?

C. De Asmundis (Brussels, B)

Left endocardial pacing: a hype or a possible solutions of a subset of patients?

P. De Filippo (Bergamo, I)

Epicardial leads: an old fashion solution?

C.T. Starck (Zurich, I)

Tuesday, December 2

14:00-15:30 | Room 4

GLOBAL ARRHYTHMIA FORUM (GAF)

Session I

Pacemaker remote control

Chairs: **M. Santini** (Rome, I)
S. Zhang (Beijing, Republic of China)

Remote control of pacemaker malfunctions
J. Yang (Beijing, Republic of China)

Remote control of supraventricular tachyarrhythmias
W. Hua (Beijing, Republic of China)

Remote control of ventricular tachyarrhythmias
G. Magliano (Rome, I)

The optimal organization for a Remote Control Center
H. Li (Beijing, Republic of China)

Cost-benefit of pacemaker remote control
M. Roser (Berlin, D)

Remote control in China: state of the art and perspectives
K. Chen (Beijing, Republic of China)

Tuesday, December 2

14:00-15:30 | Room 5

MANAGING ICD INTERVENTIONS

Chairs: **F. Anselme** (Roven, F)
M. Lunati (Milan, I)

Patient survival and clinical outcomes after an ICD therapy
A. Kloppe (Bochum, D)

How to reduce inappropriate ICD interventions
M. Gasparini (Milan, I)

Should we look at inappropriate shocks only? Role of ATP in reducing the appropriate ones
A. Arenal-Maiz (Madrid, E)

Role of antiarrhythmic drug treatment and ablation in optimal ICD programmed patients
G. Rovaris (Monza-MI, I)

Economic benefit and cost benefit of optimal ICD programming
A. Proclemer (Udine, I)

Evidence based medicine in ICD therapy: theory or practice?
A. Meijer (Eindhoven, NL)

Tuesday, December 2

14:00-15:30 | Room 6

FORUM ON ATRIAL FIBRILLATION

Session I

Imaging to better understand atrial fibrillation mechanisms

Chairs: **A. Oto** (Ankara, TR)
G. Sharma (New Delhi, IND)

Mechanisms underlying persistent and permanent atrial fibrillation
T. Lewalter (Munich, D)

Focal impulse and rotor modulation as AF sources
M. Zardini (Parma, I)

Differences in mapping of paroxysmal, persistent and permanent atrial fibrillation
in humans
A. Ardashev (Moscow, RUS)

Usefulness of pre ablation imaging to optimize patient selection and outcome
A. Bonso (Feltre-BL, I)

Long term atrial structural changes after successful ablation of persistent atrial
fibrillation
E. Retyk (Buenos Aires, RA)

Usefulness of implantable loop-recorder to monitor atrial fibrillation onset
E.G. Vester (Duesseldorf, D)

Tuesday, December 2

14:00-15:30 | Room 7

LEADLESS PACEMAKER

Chairs: **M. Borggrefe** (Mannheim, D)
W. Jung (Villingen-Schwenningen, D)

Surgical pacemaker implant and replacement related infections
L. Segreti (Pisa, I)

Subclavian vein obstruction in paced patients: incidence and clinical relevance
L.M. Zuccaro (Rome, I)

The concept of the leadless pacemaker: how is it implanted and how it works?
L. Bontempi (Brescia, I)

Preliminary results with the leadless pacemaker in humans
R.E. Knops (Amsterdam, NL)

Dual and triple chamber leadless pacing: the future challenge
M.D. Carlson (Sylmar-CA, USA)

Cost-benefit
J. Michaelson (Lingen, D)

Tuesday, December 2

14:00-15:30 | Room 8

CIED SURVIVAL AND TROUBLES IN THE LAST TEN YEARS

Chairs: **C. Jazra** (Beirut, RL)
V. Pathak (Jaipur, IND)

Pacemaker leads
E. Casali (Modena, I)

Left ventricular leads
P. Mitkowski (Poznan, PL)

ICD leads
A. Raviele (Mestre-VE, I)

Single, double and triple chamber pacemakers
R. Ciudin (Bucharest, RO)

Single, double and triple chamber ICD
H. Benkemoun (Saint Cyprien, F)

Prolonged CIED life by remote control
P. Mazzone (Milan, I)

Tuesday, December 2

15:30-17:00 | Room 1

OPTIMIZING APPROACH AND LEAD POSITION IN CARDIAC RESYNCHRONIZATION THERAPY

Chairs: **G.L. Botto** (Como, I)
S. Thanvi (Gujarat, IND)

CRT in real world from the Heart Failure Clinician Perspective: do we implant all indicated patients?

L. Tavazzi (Cotignola-RA, I)

CRT in real world from the EP perspective: we implant all indicated patients!

F. Arribas (Madrid, E)

BLOCK HF: a “Game Changer” for Cardiac Pacing

D. Pecora (Brescia, I)

Towards optimal CRT response: a better Performance

G. Giannola (Cefalù-PA, I)

New lead technology to overcome anatomical barriers

MG. Bongiorni (Pisa, I)

Transeptal approach for non-responders to CRT? The ALSYNC trial

M. Biffi (Bologna, I)

SCIENTIFIC PROGRAMME

Tuesday, December 2

15:30-17:00 | Room 2

EURO-JAPAN ARRHYTHMIA FORUM (EJAF)

Session II

Pacing / ICD controversial topics

Chairs: **G. Hindricks** (Leipzig, D)
T. Nitta (Tokyo, JP)

Usefulness CIED automatic algorithms: real clinical impact or just a gadget?
T. Ishikawa (Yokohama, JP)

CIED remote control improves patients quality of life and prolongs battery duration
N. Varma (Cleveland-OH, USA)

All the abandoned intracardiac leads should be extracted
C. Kennergren (Goteborg, S)

Does silent thromboembolism matter through the ablation procedure for atrial fibrillation?
T. Yamane (Tokyo, JP)

All the patients with paroxysmal atrial fibrillation submitted to heart surgery should receive concomitant epicardial pulmonary vein isolation and closure of the left appendage
K. Imai (Hiroshima, JP)

After two unsuccessful AF catheter ablation, a third one should not be advised
S. Takatsuki (Tokyo, JP)



Tuesday, December 2

15:30-17:00 | Room 3

**CURRENT APPROACHES TO REDUCE FLUOROSCOPY
WHILE OPTIMIZING OUTCOMES IN THE EP LAB**

Chairs: **M. Alvarez** (Granada, E)
A. Curnis (Brescia, I)

Ablation fluoroscopy and radiation exposure reduction: safety and cost implications
E. Picano (Pisa, I)

CRT implants guided by 3D navigation and advanced mapping system
M. Del Greco (Rovereto-TN, I)

Minimally invasive approach by 3D mapping system to treat cardiac arrhythmias in pediatric patients
F. Drago (Rome, I)

SVT ablation using 3D advanced mapping system and no rx exposure: exception of routine?
M. Piacenti (Pisa, I)

Clinical experience in mapping and catheter ablation using 4D navigation gMPS technology
M. Martinek (Innsbruck, A)

Impact of gMPS technology in the workflow and outcomes of CRT procedures
D.P. Redfearn (Kingston-ON, CDN)



Tuesday, December 2

15:30-17:00 | Room 4

**GLOBAL DATA COLLECTION TO INCREASE PATIENT'S
SAFETY AND QUALITY OF LIFE**

Joint Session with World Society of Arrhythmias

Chairs: **K. Matsumoto** (Saitama, JP)
P.E. Vardas (Heraklion, GR)

Usefulness and lessons from the World and National Registries
A. Proclemer (Udine, I)

Long term efficacy of atrial fibrillation ablation: data from International Registries
R. Cappato (Milan, I)

Reuse of ablation catheters and implantable device: pros and cons
C. Israel (Frankfurt, D)

Device and lead malfunction worldwide: should we have an open access common website?
J.D. Fisher (New York-NY, USA)

International prices of implantable devices and ablation catheters: should they be shown in a dedicated website?
O. Oseroff (Buenos Aires, RA)

Cost effectiveness of ICD therapies in today economical world beyond guidelines
M. Shenasa (San Jose-CA, USA)

Tuesday, December 2

15:30-17:00 | Room 5

**NEW AND OLD DRUGS TO TREAT
CARDIAC ARRHYTHMIAS**

Chairs: **J.J. Blanc** (Brest, F)
J.S. Kumar (Chennai, IND)

Ivabradine in patients with inappropriate sinus tachycardia
J.Y. Le Heuzey (Paris, F)

Drug treatment for catecholaminergic polymorphic ventricular tachycardia recurrences
in ICD patients
N. El Sherif (New York-NY, USA)

Association of Amiodarone and Ranolazine to cardiovert paroxysmal atrial fibrillation
I. Savelieva (London, UK)

Intravenous Vernakalant to cardiovert paroxysmal atrial fibrillation: should it be the first
option?
S.H. Hohnloser (Frankfurt, D)

Antiarrhythmic effects of Omega-3 fatty acids: which is the evidence?
A.P. Maggioni (Florence, I)

Should Noacs become the first choice to anticoagulate patients with atrial fibrillation?
F. Ammirati (Rome, I)

SCIENTIFIC PROGRAMME

Tuesday, December 2

15:30-17:00 | Room 6

FORUM ON ATRIAL FIBRILLATION

Session III

Trouble and troubleshooting

Chairs: **M. Kuniss** (Bad Nauheim, D)
F. Lamberti (Rome, I)

Silent cerebral thromboembolism post AF ablation
J.F. Viles-Gonzalez (Miami-FL, USA)

The impact of atrial fibrillation termination mode during catheter ablation procedure on maintenance of sinus rhythm
M. Faustino (Pescara, I)

Electrical isolation of left atrial appendage: pros and cons
C. Labadet (Buenos Aires, RA)

Usefulness of monitoring esophageal temperature during AF ablation
M. Tritto (Castellanza-VA, I)

Prevalence and management of vascular complications in patients submitted to AF ablation
G. Bencsik (Szeged, H)

Incidence of stroke and death post AF ablation
G. Stabile (Naples, I)



Tuesday, December 2

15:30-17:00 | Room 7

**EFFICACY AND SAFETY OF VENTRICULAR
ANTITACHYCARDIA PACING**

Chairs: **A. Al Fagih** (Riyadh, SA)
J. Clementy (Bordeaux, F)

Selection of the most appropriate patients for ATP therapy
K. Kumavat (Jaipur, IND)

How to optimize ATP programming
R. Keegan (Bahia Blanca, RA)

Ventricular tachycardia acceleration by ATP: can it be predicted and avoided?
T. Nakai (Tokyo, JP)

Benefits and risks of a combined ATP and antiarrhythmic drug treatment
W.R. Bauer (Wuerzburg, D)

When to switch off ATP therapy?
A. Lupo (Mirano-VE, I)

ATP HTA: Less hospitalizations? Less shocks? Prolonged battery life?
P. Rossi (Rome, I)

Tuesday, December 2

15:30-17:00 | Room 8

CHALLENGES IN CARDIAC PACING FOR HEART FAILURE

Chairs: **Y. Badaine** (Amman, HKJ)
E. Rowland (London, UK)

Usefulness of MRI to assess mechanical dissynchrony
G. Bisignani (Castrovillari-CS, I)

Selection of optimal left ventricular pacing site by quadripolar coronary sinus lead
C. D'Agostino (Bari, I)

CRT-PVs CRTD in heart failure pts
A. Rapacciuolo (Naples, I)

Ventricular arrhythmias in CRT responders: increased or decreased?
J. Koyama (Kumamoto City, JP)

Coronary sinus lead extraction: trouble and troubleshooting
D. Catanzariti (Rovereto-TN, I)

Permanent baroreflex activation therapy in heart failure
E.G. Gronda (Milan, I)



Tuesday, December 2

17:30-20:00 | Room 1

OPENING CEREMONY

- 17:30 Welcome Address
- Congress Chairman
 M. Santini
- International Scientific Societies
- 18.30 Magistral Lectures:
 J.D. Fisher (New York-NY, USA)
 R.P. Ricci (Rome, I)

SCIENTIFIC PROGRAMME

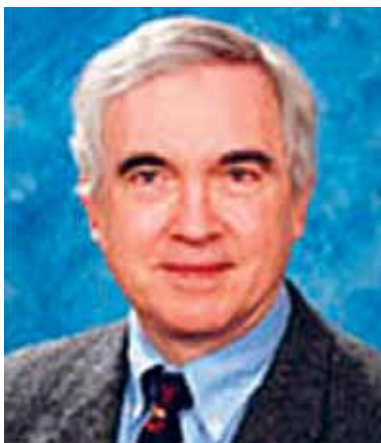
Tuesday, December 2

18:30-19:00 | Room 1

MAGISTRAL LECTURE

PACE journal: 50 years of scientific information in cardiac pacing and eletrophysiology

J.D. Fisher (New York-NY, USA)



Dr. Fisher is Professor of Medicine at Albert Einstein College of Medicine and served for many years as Director of the Einstein-Montefiore Arrhythmia Service, which includes two component services, namely Clinical Electrophysiology and Pacemakers/ICDs.

The Arrhythmia Service has close ties with CT surgery, imaging, basic EP, and pediatric EP.

He is also the Training Program Director for the ACGME-accredited fellowship in clinical EP (CCEP). Education: Yale BA, Wayne State MD, Boston City Hospital and NY Hospital-Cornell (Int. Med Residency), Montefiore and Royal Postgraduate Medical School-Imperial College London UK (Cardiology and EP).

Interests: Arrhythmia mechanisms and treatment, ablation, VT, VF, SVT, AF, WPW, pacemakers, ICDs, heart failure resynchronization devices, syncope. R-1006

Tuesday, December 2

19:00-19:30 | Room 1

MAGISTRAL LECTURE

Remote management of CIED patients

R.P. Ricci (Rome, I)



Renato Pietro Ricci, MD, Cardiologist, Fellow ANMCO, FESC, Professor of Cardiovascular Diseases at Catholic University in Rome, Italy, teacher at ANMCO and ESC Learning Courses. Responsible for cardiac pacing and outpatient clinic at San Filippo Neri Hospital in Rome. Past Vice President of the Italian Society of Pacing and Arrhythmology (AIAC) (2008-2010). In-coming chairman of the Working Group on Arrhythmias of ANMCO (2015-2016). EHRA representative in the HRS Expert Consensus Statement on Remote Monitoring (2014-2015). Chairman of the AIAC Working Group on Remote Monitoring of implanted devices since 2006. Chairman of the AIAC Task Force for surveillance of device and lead failures and recall (2004-2010),

member of task forces and policy document committees of the EHRA for ICD shocks and implantable loop recorders. Chairpersons for the Cardiotim-Europace 2014 and EHRA Europace 2015 Scientific Program Committee for the topic of device remote monitoring. Chairman of the Scientific Committee of the AIAC National Congress in 2010. Author of about 200 peer reviewed manuscripts, editor of 4 books and author of 40 book chapters. H-index 28. Invited speaker at the major international cardiology congresses, referee of several international journals.

Wednesday, December 3

9:00-10:30 | Room 1

FORUM ON HEALTH TECHNOLOGY ASSESSMENT
Joint Session with World Society of Arrhythmias

Session II
Evaluating cost-benefits of new technologies
in electrophysiology

Chairs: **J. Morgan** (Southampton, UK)
H.J. Trappe (Herne, D)

Various technological models to monitor heart failure by CIED: which one is beneficial for patients and PHS?

K. Seidl (Ingolstadt, D)

Monitoring ongoing myocardial ischemia by CIED: do we reduce acute coronary syndromes and prolong patients survival?

C. Kolb (Munich, D)

Remote monitoring of CIED: are there any more doubts to reimburse it?

F. Caravati (Varese, I)

Leadless pacemaker: quantifying social and financial benefits to justify its reimbursement

C. Wolpert (Ludwigsburg, D)

Subcutaneous ICD: which is the real impact on infections and on patients' quality of life?

B. Sarubbi (Naples, I)

The injectable loop recorder: add value and clinical impact

D.M. Steinhaus (Kansas City-MO, USA)

Wednesday, December 3

9:00-10:30 | Room 2

**NEW PERSPECTIVES IN THE EP LAB: ROLE OF THE MOST
ADVANCED TECHNOLOGIES IN THE TREATMENT
OF CARDIAC ARRHYTHMIAS**

Chairs: **M.G. Bongiorni** (Pisa, I)
C. Pandozi (Rome, I)

Fluoro Integration in the 3D Mapping system: a new era for the treatment of cardiac arrhythmias in children

F. Drago (Rome, I)

Circular Ablation Technology: Why, How, When

G.M. Fassini (Monza-MI, I)

How Contact Force and Fluoro integration in the 3D mapping can improve safety and efficacy in the treatment of VT ablation?

G. Maccabelli (Milan, I)

Why it's important to get linear lesions and how the new technologies can ensure it?

M. Grimaldi (Aquaviva delle Fonti-BA, I)

Catheter-Tissue Contact Force guided mapping and ablation in AF : how can we increase the lesion formation?

M. Duytschaever (Gent, B)

VT ablation: how a new 3D Navigation Platform can support the mapping phase and predict effective lesions?

E. Wissner (Hamburg, D)

SCIENTIFIC PROGRAMME

Wednesday, December 3

9:00-10:30 | Room 3

**THE SUBCUTANEOUS DEFIBRILLATOR:
LONG-TERM FOLLOW-UP**

Chairs: **A. Grace** (Cambridge, UK)
M.J. Schalij (Leiden, NL)

Fewer lead related complications with the subcutaneous compared to single or dual chamber ICD

B. Thibault (Montreal, CAN)

Is the inability to pacing an important limitation in young candidate to an ICD?

V. Russo (Taranto, I)

Suitability for subcutaneous defibrillator implantation: data from routine clinical practice

P. Francia (Rome, I)

When to replace an explanted, infected endocardial ICD with the subcutaneous defibrillator?

D. Igdbashian (Gorizia, I)

Cost effectiveness of the subcutaneous defibrillator

M.A.E. Schneider (Sindelfingen, D)

Wednesday, December 3

9:00-10:30 | Room 4

EURO-JAPAN ARRHYTHMIA FORUM (EJAF)

Session III

Controversial in pacing and electrophysiology

Chairs: **K. Aonuma** (Tsukuba, JP)
J.C. Daubert (Rennes, F)

Long standing atrial fibrillation should not be considered for PVI catheter ablation
R. Schilling (London, UK)

All implanted pacemakers / ICD should be MRI conditional
C. Suga (Saitama, JP)

CRT-D patients should be implanted with a quadripolar system
T. Manaka (Tokyo, JP)

CRT, only for symptomatic patients?
A. Quesada (Madrid, E)

ATP therapies should be always switched on in ICD patients
T. Nakai (Tokyo, JP)

Catheter ablation is also an optimal therapeutic strategy in octogenarians with tachyarrhythmias
M. Hayashi (Tokyo, JP)

Wednesday, December 3

9:00-10:30 | Room 5

DOUBTS ON ICD REPLACEMENT

Chairs: **H.U. Klein** (Munich, D)
K. Okumura (Hirosaki, JP)

In channelopathies without ICD intervention
A. Sagone (Milan, I)

In athletes with ICD for hypertrophic cardiomyopathies at the end of competitive sport activity
N. Fragakis (Thessaloniki, GR)

In dilated cardiomyopathies with recovered Ejection Fraction over 40%
D. Gras (Nantes, F)

In end stage heart failure and no indications to heart transplantation
M. Zoni Berisso (Milan, I)

After complete cardiac revascularization in patients treated by ICD for secondary prevention of sudden death
A. Ardashev (Moscow, RUS)

In ICD patients submitted to VT ablation without recurrences during the follow-up
D.G. Benditt (Minneapolis-MN, USA)

Wednesday, December 3

9:00-10:30 | Room 6

FORUM ON ATRIAL FIBRILLATION

Session IV

**Managing arrhythmia recurrences after Atrial
Fibrillation Ablation**

Chairs: **S. Levy** (Marseille, F)
A.S. Montenero (Sesto S. Giovanni-MI, I)

Ablation of atrial tachycardia after AF ablation
A. Berkowitsch (Bad Nauheim, D)

Antiarrhythmic drugs versus a second ablation to treat AF recurrences
G. Pelargonio (Rome, I)

Significance of post-ablation early recurrences of atrial fibrillation
O. Berenfeld (Ann Arbor-MI, USA)

Efficacy of monitoring post ablation recurrences of atrial fibrillation by an implantable
loop recorder
E. Menardi (Cuneo, I)

Minimally invasive surgical treatment of post ablation AF recurrences
S. Benussi (Milan, I)

Hybrid, catheter and surgical, ablation of recurrent atrial fibrillation
C.R. Cole (Colorado Springs-CO, USA)

Wednesday, December 3

9:00-10:30 | Room 7

**STROKE PREVENTION IN ATRIAL FIBRILLATION
AVOIDING ANTICOAGULATION**

Chairs: **P. Danna** (Milan, I)
M. Lawrance Jesuraj (Coimbatore, IND)

Left atrial appendage occluders: indications and evidence
R. Violini (Rome, I)

Epicardial approaches for appendage occlusion
A.S. Revishvili (Moscow, RUS)

Left atrial appendage patency after device or surgical closure
V. Pasceri (Rome, I)

Concomitant left atrial appendage closure during bypass or valvular surgery
R. Moosdorf (Marburg, D)

Stand alone surgical closure of left atrial appendage to avoid anticoagulation
P. Stefano (Florence, I)

Hybrid ablation for atrial fibrillation
A. Bulava (České Budějovice, CZ)

Wednesday, December 3

11:00-12:30 | Room 1

**UNEXPLAINED SYNCOPE: OPTIMAL DIAGNOSTIC
PATHWAY AND THERAPEUTIC APPROACH**

Chairs: **F. Ammirati** (Rome, I)
J.J. Blanc (Brest, F)

The challenges in managing patients with unexplained neuro-mediated syncope
and normal heart

J.C. Deharo (Marseille, F)

Should ILR be the first diagnostic option?

D. Andresen (Berlin, D)

Are Tilt test and ILR complementary to increase the diagnostic power?

M. Brignole (Lavagna-GE, I)

Prevalence of brady and tachyarrhythmias detected by ILR in patients with
neuro-mediated syncope

A. Ungar (Florence, I)

Long term follow-up of patients with neuro-mediated syncope treated by permanent
pacing

M. Tomaino (Bolzano, I)

How to manage vasodepressive neuro-mediated syncope?

P.E. Vardas (Heraklion, GR)

SCIENTIFIC PROGRAMME

Wednesday, December 3

11:00-12:30 | Room 2

**HOME MONITORING
BRIDGING THE 15th YEAR OF CLINICAL PRACTICE: WHAT
HAVE WE LEARNED?**

Chairs: **A. D'Onofrio** (Naples, I)
N. Varma (Cleveland-OH, USA)

How important is the organizational model and what can be achieved?
The lessons from HomeGuide Study
R.P. Ricci (Rome, I)

Monitoring and remote follow up of Pacemaker and ICD: a given?
P. Mabo (Rennes, F)

The value of AF monitoring and its impact on device therapy: the MATRIX study
G. Maglia (Catanzaro, I)

Monitoring of ventricular arrhythmias in ICD to guide ablation and follow up: the PARTITA study
P. Della Bella (Milan, I)

Can Heart Failure risk be anticipated to be managed in a timely manner?
K. Witte (Leeds, UK)

Home Monitoring: what's next? Is it time for a bidirectional interaction?
K. Patel (Birmingham, UK)

Wednesday, December 3

11:00-12:30 | Room 3

**CHANGING PARADIGMS IN TREATMENT OF
BRADYARRHYTHMIAS
Leadless Pacing and CRT-P**

Chairs: **E. Rowland** (London, UK)
M. Santini (Rome, I)

Review of pacing history, indications and guidelines
N.A. Sulke (Eastbourne, UK)

Leadless Pacing: improving patient care and expanding access
L. Padeletti (Florence, I)

Leadless clinical results overview
J. Sperzel (Bad Nauheim, D)

CRT-P for Brady: review of the data and guidelines. Implications for the treatment of bradyarrhythmias
M. Lunati (Milan, I)

Better outcome and less complications: quadripolar lead in CRT-P
G.B. Forleo (Rome, I)

Improve clinical outcome of the brady patient: Remote Control and advanced algorithm
G. Milasinovic (Belgrade, SRB)

SCIENTIFIC PROGRAMME

Wednesday, December 3

11:00-12:30 | Room 4

EURO-JAPAN ARRHYTHMIA FORUM (EJAF)

Session IV

Updating on Brugada Syndrome

Chairs: **Y. Nakazato** (Tokyo, JP)
R. Sutton (Monte Carlo, Monaco)

Genetics and prevalence
W. Shimizu (Tokyo, JP)

Surface ecg types
K. Okishige (Yokohama, JP)

The role of flecainide test in clinical practice
R. Schilling (London, UK)

The role of EP study
P. Adragao (Carnaxide, P)

When and which ICD?
M. Shoda (Tokyo, JP)

Long term follow-up
A. Oto (Ankara, TK)

Wednesday, December 3

11:00-12:30 | Room 5

LEADS INFECTIONS: DIAGNOSIS AND TREATMENT

Chairs: **A. Mishra** (Shillong, IND)
C. Pignalberi (Rome, I)

Diagnostic flowchart for lead infection
A. Maciag (Warsaw, PL)

Echocardiographic findings
G. Arena (Massa, I)

Antibiotic therapy: selection and timing
D. Porcelli (Rome, I)

Lead extraction: first or final option?
Y. Al Hebaishi (Riyadh, SA)

When to reimplant a new lead?
A. Kutarski (Lublin, PL)

Complications: do we need the heart surgery stand-by?
C. Kennergren (Goteborg, S)

Wednesday, December 3

11:00-12:30 | Room 6

FORUM ON ATRIAL FIBRILLATION

Session V

Atrial Fibrillation Ablation in unique disease settings

Chairs: **J. Almendral Garrote** (Madrid, E)
K. Aonuma (Tsukuba, JP)

Catheter ablation in very long lasting atrial fibrillation
G. Tola (Cagliari, I)

Atrial fibrillation ablation in patients with advanced congestive heart failure
Y. Nakano (Hiroshima, JP)

Atrial fibrillation ablation in patients with hypertrophic cardiomyopathy
L. Di Biase (Austin-TX, USA)

Atrial fibrillation ablation in patients with dilated cardiomyopathy
B. Köktürk (Köln, D)

Atrial fibrillation ablation in very elderly patients
C. Amellone (Ciriè-TO, I)

Atrial fibrillation ablation in adult patients with congenital heart disease
A. Dello Russo (Milan, I)

Wednesday, December 3

11:00-12:30 | Room 7

MANAGEMENT OF ELECTRICAL STORM

Chairs: **D.G. Benditt** (Minneapolis-MN, USA)
B. Ozin (Ankara, TR)

Clinical management of electrical storm
APM Sohrabuzzaman (Dhaka, BD)

Electrophysiological management of electrical storm
M. Ziacchi (Bologna, I)

The VT Unit in the management of electrical storm
C. Lavalle (Rome, I)

Prognostic meaning of ICD shocks and of electrical storm
A. Hersi (Riyadh, SA)

Timing of VT ablation in patients with structural heart disease: earlier is better?
S. Grossi (Turin, I)

Electrical storm in patients without structural heart disease
M. Taborsky (Olomouc, CZ)

Wednesday, December 3

12:30-14:00 | Room 1

“STATE OF THE ART” LECTURES

Chairs: **O. Berenfeld** (Ann Arbor-MI, USA)
N.F. Marrouche (Salt Lake City-UT, USA)

Robotic ablation of cardiac arrhythmias
E. Crystal (Toronto-ON, CDN)

Thoracoscopic ablation of atrial fibrillation
M. La Meir (Maastricht, NL)

Wednesday, December 3

12:30-14:00 | Room 2

“STATE OF THE ART” LECTURES

Chairs: **G. Altamura** (Rome, I)
S. Levy (Marseille, F)

Continuous monitoring to control post-mi arrhythmic risk
P.E. Bloch-Thomsen (Aalborg, DK)

Altered cardiac electrophysiology in diabetes
D.T. Martin (Burlington-MA, USA)

SCIENTIFIC PROGRAMME

Wednesday, December 3

12:30-14:00 | Room 3

LUNCHEON PANEL

MONITORING ISCHEMIA BY CIED: THE INSIGHT STUDY

Chairs: **B. Thibault** (Montreal, CDN)
M. Zardini (Parma, I)

Reliability of ST segment continuous monitoring by ICD
V. Nissardi (Cagliari, I)

Clinical impact of continuous ST segment monitoring: the Insight Study
J.K. Wranicz (Lodz, PL)

Continuous monitoring of ST segment: Healt Technology Assessment
L. Santini (Rome, I)



Wednesday, December 3

14:00-15:30 | Room 1

**CRYOABLATION: SETTING THE NEW STANDARD
OF AF ABLATION**

Chairs: **D.W. Davies** (London, UK)
M. Kuniss (Bad Nauheim, D)

Best practices with Cryoballoon: state of the art after 100.000 worldwide cases
E. Hoffmann (Munich, D)

Cryoablation in persistent atrial fibrillation
C. Blomstrom Lundqvist (Uppsala, S)

New strategies in Cryoablation of Atrial Fibrillation: from the standard to the tailored approach
C. Tondo (Milan, I)

Comparing outcomes of radiofrequency ablation and cryoablation for atrial fibrillation
D.L. Packer (Rochester-MN, USA)

Cryoablation as a first line atrial fibrillation therapy
G.B. Chierchia (Brussels, B)

Next generation cryoballoon: which differences, which benefits?
K.R.J. Chun (Frankfurt, D)

SCIENTIFIC PROGRAMME

Wednesday, December 3

14:00-15:30 | Room 2

**BRAIN PROTECTION IN PATIENTS WITH ATRIAL
FIBRILLATION: ONE YEAR WITH DABIGATRAN**

Chairs: **F. Fedele** (Rome, I)
P.E. Vardas (Heraklion, GR)

The reason for this choice
G. Di Pasquale (Bologna, I)

Use of the drug during cardioversion or ablation
F. Andreotti (Rome, I)

Management of anticoagulation in pacemaker patients
A. Capucci (Ancona, I)

Lessons on pharmaco-economy
G. Boriani (Bologna, I)

Wednesday, December 3

14:00-15:30 | Room 3

NEW TECHNOLOGIES, NEW SOLUTIONS

Chairs: **P. Adragao** (Carnaxide, P)
M. Piacenti (Pisa, I)

Flutter ablation: what's new?
R. Verlato (Camposampiero-PD, I)

New technologies for quadripolar LV pacing
L. Mont (Barcelona, E)

Real world data about S-ICD
G.L. Botto (Como, I)

MRI safety: is the lead the crucial part of the system?
G. Forleo (Rome, I)

Clinical and device update about LAA occlusion
G. Senatore (Ciriè-TO, I)

New perspectives on left atrial mapping
R. Mantovan (Cesena-FC, I)

SCIENTIFIC PROGRAMME

Wednesday, December 3

14:00-15:30 | Room 5

**NEWS ON INHERITED ARRHYTHMOGENIC
CARDIOPATHIES**

Chairs: **A.M. Al Musaad** (Riyadh, SA)
E.U. Alt (Houston-TX, USA)

The Short QT syndrome: detection and treatment
C. Giustetto (Turin, I)

The Long QT syndrome: when drugs, when implantable devices
P.J. Schwartz (Milan, I)

Catecholaminergic ventricular tachycardia the role of catheter ablation and ICD
A. Castro (Rome, I)

Arrhythmogenic Right Ventricular Displasia: to whom to implant an ICD
D. Potenza (S. Giovanni Rotondo-FG, I)

Brugada Syndrome: should we implant an ICD in all the Type I patients, regardless of genetic testing?
T. Manaka (Tokyo, JP)

Hypertrophic Cardiomyopathy: role of drugs and implantable devices to prevent sudden death
M.F. Márquez Murillo (Mexico City, MEX)

Wednesday, December 3

14:00-15:30 | Room 6

FORUM ON ATRIAL FIBRILLATION

Session VI

**First option therapeutical strategies for Atrial
Fibrillation**

Chairs: **A. Ardashev** (Moscow, RUS)
R. Vijayvergia (Chandigarh, IND)

No treatment
L.G. Molina (Mexico City, MEX)

Antiarrhythmic drugs: when, which?
F. Del Carpio (La Crosse-WI, USA)

Rate control: drug, AV node ablation?
K.K.N. Namboodiri (Thiruvananthapuram, IND)

Antiplatelets or anticoagulants
N. Takahashi (Oita, JP)

Catheter ablation; when, which energy source?
C. Pratola (Ferrara, I)

Hybrid ablation (catheter and surgical): when, how?
C. Pandozi (Rome, I)

SCIENTIFIC PROGRAMME

Wednesday, December 3

14:00-15:30 | Room 7

SICK SINUS SYNDROME TODAY

Chairs: **T. Ishikawa** (Yokohama, JP)
B. Lemke (Luedenscheid, D)

Incidence and prevalence of Sick Sinus Syndrome in the pacemaker, ICD population
A. Ganguly (Durgapur, IND)

Can we increase pharmacologically the sinus rate in Sick Sinus Syndrome
M. Marini (Trento, I)

The permanent pacing therapeutical option: advantages and disadvantages
A. Michelucci (Florence, I)

Catheter ablation to treat atrial tachyarrhythmias in the brady-tachy syndrome
S.M. Yashin (Saint Petersburg, RUS)

Ablate and pace in patient with Sick Sinus Syndrome: pros and cons
F. Quartieri (Reggio Emilia, I)

Pharmacological antiarrhythmic therapy for atrial tachyarrhythmias in Sick Sinus Syndrome
V.P. Vassilikos (Thessaloniki, GR)

Wednesday, December 3

15:30-17:00 | Room 1

**IMPLANTABLE DEVICE AND MRI: ADOPTION AND
CLINICAL IMPLICATIONS TODAY**

Chairs: **M. Santini** (Rome, I)
D.C. Shah (Geneva, CH)

European and international legislation on MRI scan in patients with device and the role of national health institutions

G. Calcagnini (Rome, I)

The role of the radiologist and his cooperation with cardiologist to manage MRI patient flow nowadays

D. Weishaupt (Zurich, CH)

What is the 'real life' approach in the clinical practice?

F. Arribas (Madrid, E)

MRI conditional leads: is their reliability better, worse or the same of conventional leads?

G. Senatore (Ciriè-TO, I)

MRI conditional pacemaker and ICD: is it time to offer them to everybody?

G. Vicedomini (Cotignola-RA, I)

What are the potential medical – legal problems?

A. D'Urso (Rome, I)

SCIENTIFIC PROGRAMME

Wednesday, December 3

15:30-17:00 | Room 2

**DO WE NEED REMOTE MONITORING ONLY?
REAL SOLUTIONS FOR ADVANCED PATIENT
MANAGEMENT**

Chairs: **M. Khoury** (Beirut, RL)
R.P. Ricci (Rome, I)

Different benefits of Remote Patient Management based on the pathology and the implanted device

M. Bertaglia (Mirano-VE, I)

After 10 years of Remote Patient management, is there still room for in-clinic follow-up?

R. Verlato (Camposampiero-PD, I)

Remote Patient Management solutions to implement hub and spoke models

N. Basterra Sola (Pamplona, E)

Actuality and potentiality of handling aggregated data

F. Quartieri (Reggio Emilia, I)

A fully integrated and universal solution to simplify patients follow-up: my experience with the Mediconnect system

C. Stoepel (Neuss, D)

The real economic value of Remote Patient Management

G. Perego (Milan, I)

Wednesday, December 3

15:30-17:00 | Room 3

**HAEMODYNAMIC OPTIMIZATION IN CRT: RESULTS
AND RESEARCH PERSPECTIVES**

Chairs: **M.M. Oliveira** (Lisbon, P)
L. Padeletti (Florence, I)

CRT settings optimization: state of the art
M. Lunati (Milan, I)

Clinical cases of CRT haemodynamic optimization
R. Zbinden (Zurich, CH)

Impact of systematic optimization on CRT costs
M. Piacenti (Pisa, I)

Towards a new index to optimize leads position
P.P. Delnoy (Zwolle, NL)

What's new from a stethoscope?
P. Ritter (Bordeaux, F)

SCIENTIFIC PROGRAMME

Wednesday, December 3

15:30-17:00 | Room 4

CONTROVERSIAL INDICATIONS FOR ICD IMPLANT

Chairs: **N.A.M. Estes III** (Boston-MA, USA)
Y. Nakazato (Tokyo, JP)

Early after revascularization
A. Fuenmayor (Mérida, YV)

Early after myocardial infarction
H. Schmidinger (Wien, A)

Very Elderly patients
H.K. Bali (Chandigarh, IND)

Severe Renal dysfunction
S. Sack (Munich, D)

Dual Vs single chamber in primary prevention
F. Borrello (Catanzaro, I)

Subcutaneous ICD
S. Viani (Pisa, I)

Wednesday, December 3

15:30-17:00 | Room 5

**ABLATION OF VENTRICULAR TACHYCARDIA
AND VENTRICULAR FIBRILLATION**

Chairs: **C. Lavallo** (Rome, I)
T. Szili-Torok (Rotterdam, NL)

How to identify the epicardial origin of ventricular tachycardia
A. Scopinaro (Alessandria, I)

Catheter ablation of epicardial ventricular tachycardia
C. De Chillou (Nancy, F)

Post ablation non inducibility of sustained ventricular tachycardia: can we trust it?
D.L. Packer (Rochester-MN, USA)

Catheter ablation of idiopathic ventricular tachycardia and ventricular ectopic beats
S. Ikeguchi (Moriyama City, JP)

Catheter ablation for electrical storm and ICP patients
T. Arentz (Bad Krozingen, D)

Haemodynamic support for VT ablation
K. Adalet (Istanbul, TR)

SCIENTIFIC PROGRAMME

Wednesday, December 3

15:30-17:00 | Room 6

FORUM ON ATRIAL FIBRILLATION

Session VII
Clinical issues

Chairs: **M. Disertori** (Trento, I)
H. Zouzou (Algiers, DZ)

Increase of cognitive impairment by chronic atrial fibrillation
F. Briand (Besançon, F)

Silent cerebral events after atrial fibrillation ablation
T. Deneke (Bad Neustadt, D)

Long-term improvement in quality of life and reduction in hospitalization by catheter ablation of atrial fibrillation
M. Santamaria (Campobasso, I)

Retinal microvascular injuries in patients with atrial fibrillation
A. Lubiński (Lodz, PL)

Biomarkers of inflammation as predictors of atrial fibrillation progression to a permanent type
S. Koulouris (Bayreuth, D)

Post ablation increase in biomarkers of myocardial injury: relationship with the energy source
M. Rebecchi (Rome, I)

Wednesday, December 3

15:30-17:00 | Room 7

OUTCOME IN CRT PATIENTS

Chairs: **M. Gulizia** (Catania, I)
H. Mansour (Beirut, RL)

Myocardial scar quantification may predict outcome in CRT patients
S. Matsuo (Tokyo, JP)

Gender difference in outcome of CRT patients
C. Marquié (Lille, F)

Results of CRT in the elderly: is it worth?
G. Morani (Verona, I)

Outcome of CRT in patients with atrial fibrillation
O. Aquilina (Msida, M)

When considering not to replace a CRTD device?
S. Aquilani (Rome, I)

When considering to deactivate ICD in CRT-D patients?
A. Vincenti (Monza-MI, I)

Thursday, December 4

9:00-10:30 | Room 1

**INSIGHTS INTO MECHANISMS AND ADVANCED
MAPPING OF CARDIAC ARRHYTHMIAS: IMPLICATIONS
FOR CATHETER ABLATION?**

Chairs: **J. Almendral Garrote** (Madrid, E)
F. Gaita (Turin, I)

Fragmented activity mapping and relationship with underlying atrial substrate
E. De Ruvo (Rome, I)

Electrical coupling discriminates lesion transmuralità in humans: from the experimental model to the clinical facts
C. Tondo (Milan, I)

Which long term data in AF ablation are available on contact force measured by optical technology?
J.P. Albenque (Toulouse, F)

Long term clinical experience on flex tip ablation catheter design: optimal titration of RF energy and irrigation flow
T. Gaspar (Leipzig, D)

Non contact and hybrid contact-non contact mapping in VT ablation
M. Oliveira (Lisbon, P)

Importance of late ventricular activation mapping
P. Della Bella (Milan, I)



Thursday, December 4

9:00-10:30 | Room 2

THE RECHARGEABLE PACEMAKER/ICD
Join Session with World Society of Arrhythmias

Chairs: **F. De Seta** (Rome, I)
M. Santini (Rome, I)

Rationale for a rechargeable CIED
G. Corbucci (Milan, I)

External recharge: technology available, pros and cons
C. Schmidt (Minneapolis-MN, USA)

Automatic recharge: technology available, pros and cons
M.D. Carlson (Sylmar-CA, USA)

Potential clinical impact
E. Aliot (Vandoeuvre-lès-Nancy, F)

Potential financial impact
F. Naccarella (Bologna, I)

Why is it not yet available?
F. Bellocchi (Rome, I)

SCIENTIFIC PROGRAMME

Thursday, December 4

9:00-10:30 | Room 3

CARDIAC ARRHYTHMIAS IN FEMALES

Chairs: **J.C. Geller** (Bad Berka, D)
H. Hoffmann (Munich, D)

How to manage brady and tachyarrhythmias in view of pregnancy
V. Romano (Rome, I)

How to treat brady and tachyarrhythmias during pregnancy
M. Gwechenberger (Wien, A)

Potential problems during pregnancy in pacemaker/ICD patients: their prevention and treatment
E. Sciaraffia (Uppsala, S)

Arrhythmias in “menopause”: when and how to treat them
S.A. Di Fusco (Rome, I)

Ventricular tachyarrhythmias in patients with post-partum cardiomyopathy: selecting the most appropriate therapy
M. Lovrić Benčić (Zagreb, HR)

Cardiac Resynchronization therapy: are females undertreated in clinical practice?
L. Vitali-Serdoz (Coburg, D)



Thursday, December 4

9:00-10:30 | Room 4

EURO-JAPAN ARRHYTHMIA FORUM (EJAF)

Session V

Pharmacological treatment of cardiac arrhythmias

Chairs: **K. Hirao** (Tokyo, JP)
L. Padeletti (Florence, I)

Atrial fibrillation: rate or rhythm control
Y. Kobayashi (Tokyo, JP)

Supraventricular tachycardias
J. Kautzner (Prague, CZ)

Sustained ventricular tachycardias
A. Nogami (Tsukuba, JP)

Idiopathic ventricular fibrillation
G. Hindricks (Leipzig, D)

Electrical storm
H. Tada (Fukui, JP)

Hybrid pharmacological and electrical therapy for ventricular tachyarrhythmias
S. Ikeguchi (Moriyama City, JP)

SCIENTIFIC PROGRAMME

Thursday, December 4

9:00-10:30 | Room 5

**SUDDEN DEATH: UNDERSTANDING,
PREVENTING AND TREATING**

Chairs: **B. Olshansky** (Iowa City-IA, USA)
G. Steinbeck (Munich, D)

Influence of smoke on appropriate ICD interventions
A. Pandozi (Rome, I)

Are the complications of ICD implant underestimated?
F. Bokhari (Jeddah, SA)

The current role of antiarrhythmic drugs in genetic arrhythmias
G. Zingarini (Perugia, I)

ICD interventions in Brugada syndrome: data from National and International Registries
P. Donateo (Lavagna-GE, I)

The wearable defibrillator: indications and cost-benefit ratio
M. Borggrefe (Mannheim, D)

Clinical outcome after Electrical Storm in ICD patients
G. Neri (Montebelluna-TV, I)

Thursday, December 4

9:00-10:30 | Room 6

FORUM ON ATRIAL FIBRILLATION

Session VIII
Rate control

Chairs: **J. Borbola** (Budapest, RO)
M. Hentati (Sfax, TN)

Rate control in atrial fibrillation: how many and which patients should we consider?
A. De Simone (Maddaloni-NA, I)

Which cardiac rate is acceptable on a long term basis? Does age or EF matter?
P. Fumero Lessmann (Caracas, YV)

Clinical follow-up: how to monitor ventricular deterioration?
N. Aspromonte (Rome, I)

Indications and contraindications to a pharmacological rate control
S. Sharma (Jammu, IND)

Indications and contraindications to permanent pacing
D. Sergi (Rome, I)

Ablate and Pace is superior to pharmacological rate control?
C. Muto (Naples, I)

Thursday, December 4

9:00-10:30 | Room 7

**RELIABILITY AND CLINICAL IMPACT
OF ICD DATA STORAGE AND ALARMS**

Chairs: **N. Al-Rawahi** (Muscat, Oman)
A. Schirdewan (Berlin, D)

Atrial fibrillation burden
V. Calabrese (Rome, I)

Ventricular tachyarrhythmias
F. Zoppo (Mirano-Ve, I)

Chest fluid accumulation
S. Chandra (New Delhi, IND)

St segment changes
E.C.L. Pisanò (Lecce, I)

Lead damage
P.M.G. Agricola (Crema-CR, I)

Best option in ICD therapy: DC vs SC ICD in reducing inappropriate shocks
J. Sperzel (Bad Nauheim, D)



Thursday, December 4

11:00-12:30 | Room 1

**CARDIAC PACING AND TRUE PHYSIOLOGICAL RATE
MODULATION: AN “OLD” OR A NEW REAL PERSPECTIVE?**

Chairs: **J.C. Deharo** (Marseille, F)
S. Favale (Bari, I)

Rate modulation adapted to contractility through the Closed Loop Stimulation: what is the physiological background?

A. Hamaad (Walsall, UK)

Rate Modulation adapted to contractility: is there a role in Sick Sinus Syndrome?

J.M. Guerra Ramos (Barcelona, E)

Rate Modulation adapted to contractility: is there a role in response to Syncope?

E. Occhetta (Novara, I)

Rate Modulation adapted to contractility: is there a role in managing hypertension?

J.L. Merino (Madrid, E)

Rate Modulation adapted to contractility: is there a role in tracking and responding to mental stress?

A. Sagone (Milan, I)

Rate Modulation adapted to contractility combined and algorithms to promote AV conduction: a synergic combination?

A. Capucci (Ancona, I)

Thursday, December 4

11:00-12:30 | Room 2

**DUTY-CYCLED PHASED RF:
THE EVOLUTION OF RF ABLATION**

Chairs: **D.L. Packer** (Rochester-MN, USA)
M.A.E. Schneider (Sindelfingen, D)

Duty-Cycled Phased RF technology principles
C. Geller (Bad Berka, D)

Biophysics of Phased RF Ablation and lesion assessment
A. Verma (Toronto-ON, CDN)

World Wide Experience with 1st and 2nd generation multi-electrode ablation catheters
S. Spitzer (Dresden, D)

Multielectrode-Phased RF Ablation: an update from the clinical trials
L.V. Boersma (Nieuwegein, NL)

Next Generation of Multi-electrode Phased RF catheters: a look into the future
M. Stewart (Monds View-MN, USA)



Thursday, December 4

11:00-12:30 | Room 3

**FORUM ON HEALTH TECHNOLOGY ASSESSMENT
Joint Session with World Society of Arrhythmias**

**Session III
Ethical and financial considerations on leads
and devices Advisory call**

Chairs: **M. Santini** (Rome, I)
K. Soejima (Tokyo, JP)

The many system to control the safety of implantable leads and electronic devices by manufactures

T. Samsel (Minneapolis-MN, USA)

Should we have standard rules, for all the CIED manufactures, to start an Advisory action and consequent operative flow-chart?

M.D. Carlson (Sylmar-CA, USA)

Do we need International Registries for CIED malfunctions run by International Scientific Societies?

R. Cappato (Milan, I)

Should the “level” of medical reaction to an Advisory Call be decided by a Joint Committee including medical and industrial members?

J.M. Morgan (Southampton, UK)

Should we consider any reimbursement by Industry to the Public Health System for the unforeseen overwork?

M. Santomauro (Naples, I)

Medical-legal implications of an Advisory requesting a reintervention on the patient: whose responsibility (manufactures, hospitals, implanting physicians)?

N.A.M. Estes III (Boston-MA, USA)

Thursday, December 4

11:00-12:30 | Room 4

EURO-JAPAN ARRHYTHMIA FORUM (EJAF)

Session VI

ILR and Remote Care Solutions: what's new?

Chairs: **H. Abe** (Kitakyushu, JP)
M. Santini (Rome, I)

ILR to reduce stroke
R. Sutton (Monte Carlo, Monaco)

ILR to monitor syncopal attacks
H. Abe (Kitakyushu, JP)

ILR and remote monitoring usefulness after catheter or surgical AF ablation
J.C. Daubert (Rennes, F)

Key Remote Care system features to utilize when managing complex patients
M. Takagi (Osaka, JP)

Remote Care Systems: ILR are they all the same?
A. Oto (Ankara, TR)

ILR provided by remote control cost efficacy ratio
R.P. Ricci (Rome, I)



Thursday, December 4

11:00-12:30 | Room 5

BRADY AND TACHYARRHYTHMIAS IN CCU

Chairs: **B. Gorenek** (Eskisehir, TK)
P. Serpytis (Vilnius, LT)

How to interpret and treat frequent ventricular ectopic beats in ACS
D. Petrač (Zagreb, HR)

Sinus arrest, complete AV in inferior AMI: which outcome? How to treat?
G. Magenta (Milan, I)

New onset bifascicular block in AMI: how to manage it?
S. Hardas (Pune, IND)

Sustained monomorphic ventricular tachycardia in ACS: antiarrhythmic drugs or revascularization?
A. Kol (Rome, I)

Ventricular fibrillation in ACS: relationship to patient outcome
P. Notarstefano (Arezzo, I)

Paroxysmal atrial fibrillation in ACS: rhythm or rate control?
V. Altamura (Rome, I)

Thursday, December 4

11:00-12:30 | Room 6

FORUM ON ATRIAL FIBRILLATION

Session IX

Living with permanent Atrial Fibrillation

Chairs: **R. Sethi** (Lucknow, IND)
G. Vergara (Rovereto-TN, I)

Quality of life in patients with chronic atrial fibrillation
T. Neumann (Bad Nauheim, D)

How to reach by drugs an acceptable heart rate without prolonged nocturnal asystole
F. Giada (Mestre-VE, I)

Balancing the benefit of a rhythmic ventricles filling with the damage of ventricular desynchronization in candidates to ablate and Pace therapy
P. Pieragnoli (Florence, I)

When maintaining atrial fibrillation can be the first therapeutical option?
G.Q. Villani (Piacenza, I)

Long-term changes echocardiographic parameters in patients with chronic atrial fibrillation
S. Ficili (Rome, I)

Sport practicing with chronic atrial fibrillation: which one, when, for how long
F.M. Moscossa Costa (Lisbon, P)



Thursday, December 4

11:00-12:30 | Room 7

MANAGEMENT OF TACHYCARDIAS AND ECTOPIC BEATS FROM THE VENTRICULAR OUTFLOW TRACT

Chairs: **A. Berkowitsch** (Bad Nauheim, D)
C. Pandozi (Rome, I)

Complex anatomy of the ventricular outflow tract
M. Galeazzi (Rome, I)

Outflow tract ventricular arrhythmias: always a benign condition?
R. Luise (L'Aquila, I)

Outflow tract ventricular arrhythmias: how distinguish true idiopathic forms early stage
ARVD/C?
T. Dickfeld (Baltimore-MD, USA)

Indications to ablation of ectopic beats from the outflow tract: the role of LV enlargement,
symptoms and arrhythmia burden
G. Rodriguez Diez (Mexico City, MEX)

Technique and results of ablation of VT an ectopic beats from the RVOT and the LVOT
M. Shenasa (San Jose-CA, USA)

Complications management
R. Wakili (Munich, D)

Thursday, December 4

12:30-14:00 | Room 1

“STATE OF THE ART” LECTURES

Chairs: **R. Cappato** (Milan, I)
J.D. Fisher (New York-NY, USA)

Usefulness of MRI in arrhythmia treatment
N.F. Marrouche (Salt Lake City-UT, USA)

Update in intracardiac echocardiography
J. Kautzner (Prague, CZ)



Thursday, December 4

12:30-14:00 | Room 2

“STATE OF THE ART” LECTURES

Chairs: **J. Brachmann** (Coburg, D)
W. Shimizu (Tokyo, JP)

Antiarrhythmic gene therapy
D. Thomas (Heidelberg, D)

Syncope: diagnostic and therapeutic flowchart
G. Steinbeck (Munich, D)

SCIENTIFIC PROGRAMME

Thursday, December 4

14:00-15:30 | Room 1

MRI devices: first choice or just an option?

Chairs: **F. Duru** (Zurich, CH)
F. Lombardi (Milan, I)

MRI need for cardiac implantable device population
J. Morgan (Southampton, UK)

A close look at technology: not all devices are created equal
TBA

Should MRI conditional devices be the first option: the radiologist's point of view
G. Pontone (Milan, I)

Should MRI conditional devices be the first option: the electrophysiologist's point of view
M. Del Greco (Trento, I)

Medical legal implications: recommendations for implanters and radiologists
L. Binner (Ulm, D)

Cost benefit of MRI conditional devices
L. Santini (Rome, I)



Thursday, December 4

14:00-15:30 | Room 2

**HEART FAILURE. IMPACT AND OUTCOME
OF NEW TECHNOLOGIES**

Chairs: **M.G. Bongiorni** (Pisa, I)
C. Leclercq (Rennes, F)

Heart failure: epidemic disease with high economic and social impact
G.L. Botto (Como, I)

Diastolic HF. Monitoring and treatment strategies
M. Frigerio (Milan, I)

Systolic HF. Monitoring and treatment strategies
G.B. Perego (Milan, I)

Multi Point Pacing: are acute improvements confirmed by chronic outcome?
P.P. Delnoy (Zwolle, NL)

Patient with lower response to CRT: can MPP help?
C.A. Rinaldi (London, UK)

LV lead positioning guided by 3D mapping
A. Vado (Cuneo, I)

Thursday, December 4

14:00-15:30 | Room 3

**PREDICTION AND MANAGEMENT OF MAJOR
CARDIOVASCULAR EVENTS IN PATIENTS WITH DEVICE:
HYPE, HOPE OR REALITY?**

Chairs: **V. Calvi** (Catania, I)
M. Chauvin (Strasbourg, F)

One or multiple parameters to monitor and react to HF worsening risk?
G. Zanotto (Legnago-VR, I)

Continuous hemodynamic monitoring of cardiac function through device: what is the value?
R. Zbinden (Zurich, CH)

How important is to detect and address AF episodes?
R.A. Kaba (Chertsey, UK)

What is the prognostic value of an implantable diagnostic cardiac monitor?
J.L. Pasquié (Montpellier, F)

The SELENE HF study: initial learning and the long term goals of an integrated approach to predict major cardiovascular events
L. Calò (Rome, I)

From arrhythmias to patient management: how frequent is necessary to receive objective diagnostic data through remote monitoring to address patient in a timely manner?
D. Pecora (Brescia, I)



Thursday, December 4

14:00-15:30 | Room 4

GLOBAL ARRHYTHMIA FORUM (GAF)

Session II
Syncope update

Chairs: **E. Aliot** (Vandoeuvre-lès-Nancy, F)
Dejia (Beijing, Republic of China)

Neuromediated syncope
X. Liu (Beijing, Republic of China)

Syncope in structural heart disease
J. Zou (Nanjing, Republic of China)

Syncope in pacemaker patients
R. Sutton (Monte Carlo, Monaco)

Syncope in ICD patients
D. Liao (Shanghai, Republic of China)

Operative diagnostical and therapeutical flow-chart
F. Ammirati (Rome, I)

Thursday, December 4

14:00-15:30 | Room 5

PEDIATRIC ARRHYTHMIAS ABLATION TREATMENT

Chair: **C. Akdeniz** (Istanbul, TK)
G. Vicedomini (Cotignola-RA, I)

Ablation in WPW syndrome: when, which energy source?
B. Pezzulich (Turin, I)

Ablation of supraventricular nodal tachycardia
M. Scaglione (Asti, I)

Ablation of focal atrial tachycardia
M.S. Silvetti (Rome, I)

Ablation of outflow tract ventricular arrhythmias
M. Strieper (Atlanta-GA, USA)

Permanent pacing in children: trouble and troubleshooting
K. Dagriri (Riyadh, SA)

ICD implant in children techniques: trouble and troubleshooting
P. Zartner (Sankt Augustin, D)

Thursday, December 4

14:00-15:30 | Room 6

FORUM ON ATRIAL FIBRILLATION

Session X

**Ablation of paroxysmal and persistent Atrial
Fibrillation: optimizing technique and outcome**

Chairs: **L. Di Biase** (Austin-TX, USA)
F. Straube (Munich, D)

Selection of the optimal approach and energy source
L. Ottaviano (Milan, I)

Real time monitoring of the lesion development
S. Nardi (Castel Volturno-CE, I)

Contact force monitoring: is it mandatory?
S. Themistoclakis (Mestre-VE, I)

A new approach for catheter ablation of atrial tachycardia following atrial fibrillation ablation
T. Agricola (Pescara, I)

Could renal denervation improve outcome post AF ablation?
E. Pokushalov (Novosibirsk, RUS)

Usefulness of MRI imaging to guide AF ablation
S. Matsuo (Tokyo, JP)

Thursday, December 4

14:00-15:30 | Room 7

**DEBATABLE INDICATIONS FOR CARDIAC
RESYNCHRONIZATION THERAPY**

Chairs: **S. Alkaabi** (Abu Dhabi, UAE)
C. Moro Serrano (Madrid, E)

CRT in patients with RBBB or IVCD
V. Kuznetsov (Tyumen, RUS)

CRT in patients with narrow QRS
A. Kapoor (Lucknow, IND)

CRT in patients with persistent atrial fibrillation
J. Clementy (Bordeaux, F)

Upgrading VVI-DDD to CRT pacing modality
M. Brieda (Pordenone, I)

When to use CRT-P only?
D. Ricciardi (Rome, I)

CRT in elderly patients
E. Casali (Modena, I)



Thursday, December 4

15:30-17:00 | Room 1

SLEEP APNEA: DISEASE FOR HEART SPECIALISTS?

Chairs: **M.G. Bongiorni** (Pisa, I)
P. Defaye (Grenoble, F)

Impact of SAS on cardiovascular diseases
N. Combes (Toulouse, F)

Undiagnosed SAS: what is the cost?
G.L. Botto (Como, I)

SAS screening in pacemaker population
R. Villuendas (Badalona, E)

What's new in SAS therapy?
A. Braghiroli (Oleggio-NO, I)

How to manage SAS diagnosed paced patients?
A. Sagone (Milan, I)

Thursday, December 4

15:30-17:00 | Room 2

**STROKE REDUCTION BY IMPLANTABLE DEVICES
DIAGNOSTICS: ANGELS AF PROJECTS**

Chairs: **G. Senatore** (Ciriè-TO, I)
N.A. Sulke (Eastbourne, UK)

Early detection of atrial fibrillation by device remote control: how to implement it?
A. Thajudeen (Trivandrum, IND)

Management of oral anticoagulation therapy guided by device diagnostics remote control
G. Rossillo (Mestre-VE, I)

How to decide oral anticoagulation therapy based on AF burden, AF frequency and stroke risk factors
A. Capucci (Ancona, I)

Usefulness of implantable loop recorder in monitoring post-ablation AF recurrences
M. Mantica (Milan, I)

Usefulness of implantable loop recorder in cryptogenetic stroke
T. Sanna (Rome, I)

Reveal LINQ system: a new era in cardiac monitoring
M. Moltrasio (Milan, I)



Thursday, December 4

15:30-17:00 | Room 3

**THE SUBCUTANEOUS DEFIBRILLATOR:
STATE OF THE HEART**

Chairs: **R. Choudhury** (Sharjah, UAE)
J.M. Morgan (Southampton, UK)

Selection of the appropriate candidate
M. Luzi (Ancona, I)

Acute and long-term efficacy
J. Kobe (Munster, D)

Incidence of the inappropriate interventions
A. Grace (Cambridge, UK)

Advantages and disadvantages on a long-term follow-up: the UK national experience
J.W.E. Jarman (London, UK)

Combination of a previous DDD pacemaker with a new subcutaneous defibrillator implant for sudden death prevention
L.J.L.M. Jordaens (Rotterdam, NL)

Next generation: what is to be expected?
R. Cappato (Milan, I)

SCIENTIFIC PROGRAMME

Thursday, December 4

15:30-17:00 | Room 4

SUDDEN DEATH: MECHANISMS AND TIMING

Chairs: **N. Asaad** (Doha, Q)
J. Brachmann (Coburg, D)

Sudden death in patients with preserved cardiac function
G. Carreras (Terni, I)

Relationship between sex hormone levels and sudden death risk
W. Jung (Villingen-Schwenningen, D)

Increased risk of sudden death by exercise
A. Biffi (Rome, I)

Circadian and seasonal variations of sudden death
H. Rodriguez Reyes (Aguascalientes, MEX)

Influence of autonomic nervous system on cardiac arrest
R. Hatala (Bratislava, SK)

Sleep apnea and ventricular arrhythmias
A. Curcio (Catanzaro, I)



Thursday, December 4

15:30-17:00 | Room 6

LEADS AND DEVICES RECALL IN THE LAST DECADE

Chairs: **M.M. Hossain** (Dhaka, BD)
C.W. Israel (Frankfurt, D)

Pacemakers and ICD
A. Proclemer (Udine, I)

Leads
B. Olshansky (Iowa City-IA, USA)

What should Companies do more to reduce malfunctions?
P. Neužil (Prague, CZ)

Which would be the optimal management of CIED recall?
A. Pappalardo (Rome, I)

The role of Scientific Societies in managing devices recall
L. Santini (Rome, I)

Potential legal problems for implanting physicians, hospital, industries
J. Senges (Heidelberg, D)

Thursday, December 4

15:30-17:00 | Room 7

NEW TECHNOLOGY FOR EPI/ENDOCARDIAL APPROACH

Chairs: **D.L. Packer** (Rochester-MN, USA)
C. Pandozi (Rome, I)

Novel epicardial approach needle
L. Di Biase (Austin-TX, USA)

Novel active fixation left ventricular leads
TBA

Endocardial approach for autonomic ablation
S. Rosenheck (Jerusalem, IL)

New epicardial approaches for autonomic modulation and substrate ablation
T. Hanke (Luebeck, D)

Thoracoscopic approach for right and left ventricular lead implantation
E. Ivanitskiy (Krasnoyarsk, RUS)

Intracardiac echocardiography to guide invasive antiarrhythmic procedures
O.V. Sapelnikov (Moscow, RUS)

Friday, December 5

9:00-10:30 | Room 1

**ANTICOAGULATION: BALANCING THE HAEMORRHAGIC
AND THE THROMBOTIC RISKS**

Chairs: **A.S. Fak** (Istanbul, TR)
R. Sapra (Faridabad, IND)

In paroxysmal, persistent and permanent atrial fibrillation
M. Patete Ayala (Caracas, YV)

In dilated cardiomyopathy
E.N. Simantirakis (Heraklion, GR)

In patients with ventricular aneurism
S.L. Brownstein (Cincinnati-OH, USA)

In very elderly patients
M. Bocchiardo (Pietra Ligure-SV, I)

In patients with previous cerebral haemorrhage
J.O. Schwab (Bonn, D)

In patients already under post ptca double antithrombotic treatment
V. Pasceri (Rome, I)

SCIENTIFIC PROGRAMME

Friday, December 5

9:00-10:30 | Room 2

SYNCOPE AND STRUCTURAL HEART DISEASE

Chairs: **H. Abdeddayem** (Tunis, TN)
L. Aguinaga (Buenos Aires, RA)

In hypertrophic cardiomyopathy
T. Pezawas (Wien, A)

In ischemic cardiomyopathy
G. Russo (Como, I)

In dilated idiopathic cardiomyopathy
R. Rordorf (Pavia, I)

New role of External Loop Recorder in Arrhythmia and Syncope assessment
E.T. Locati (Milan, I)

In pacemaker patients
A. Shafquat (Riyadh, SA)

In ICD patients
H. Yokoshiki (Sapporo, JP)

Friday, December 5

9:00-10:30 | Room 3

PACEMAKER OPTIMAL PROGRAMMING

Chairs: **S. Paraskevaïdis** (Thessaloniki, GR)
K. Seidl (Ingolstadt, D)

RV pacing minimization in all pacemaker patients?
H. Bonnemeier (Kiel, D)

In paroxysmal AV block
H. Al Anazi (Riyadh, SA)

In congestive heart failure patients
Q. Parisi (Campobasso, I)

In permanent atrial fibrillation
S. Faerestrønd (Bergen, N)

In hypertrophic cardiomyopathy
F. Guarracini (Milan, I)

In athletes
L. Tomasi (Verona, I)

Friday, December 5

9:00-10:30 | Room 4

DIFFICULT CRT CASES
Diagnosis and treatment

Chairs: **A. Gopi** (Calicut, IND)
C. Pignalberi (Rome, I)

Difficult implantation
H.U. Klein (Munich, D)

Device programming optimization
P.C. Mandal (Kolkatta, IND)

Managing non responders
B. Elencwajg (Buenos Aires, RA)

Left ventricular lead troubles
G. Mascioli (Bergamo, I)

Recurrent atrial fibrillation in CRT remotely control
G. Campisi (Ragusa, I)

Surgical lead implant: when, which position?
M. Chudzik (Lodz, PL)

Friday, December 5

9:00-10:30 | Room 5

CIED INFECTIONS

Chairs: **N. Kadri** (Amman, HKJ)
A. Kutarski (Lublin, PL)

Diagnostic flow chart to identify infected leads
G. Luzzi (Bari, I)

Lead extraction as first therapy: to whom?
H. Nakajima (Tokyo, JP)

When reimplant a new pacing system in pacemaker dependent patients?
M. Rillo (Taranto, I)

Post-extraction usefulness of the wearable defibrillator waiting for the new implant
optimal timing
M. Stockburger (Nauen, D)

When considering a surgical epicardial lead implantation?
P.K. Goel (Lucknow, IND)

When considering a down grading of the system implanting a subcutaneous
defibrillator?
B. Thibault (Montreal, CDN)

Friday, December 5

9:00-10:30 | Room 7

PROGRESS IN INTERVENTIONAL CARDIOLOGY

Chairman: **G. Speciale** (Rome, I)

Left Atrial Appendage Closure by Implantable Devices

Chairs: **M. Magdi** (Sharjah, UAE)
G. Speciale (Rome, I)

Selection of the appropriate candidate
P. Danna (Milan, I)

Are all the available implantable devices similarly effective?
S. Berti (Massa, I)

Concomitant atrial fibrillation catheter ablation and left atrial appendage closure
L.V. Boersma (Nieuwegein, NL)

Periprocedural complications: how to avoid them
M.J. Schalij (Leiden, NL)

Long-term follow-up
C. Tondo (Milan, I)

Cost-benefit on a long-term basis
C. Pristipino (Rome, I)

Friday, December 5

10:30-12:15 | Room 7

PROGRESS IN INTERVENTIONAL CARDIOLOGY

Chairman: **G. Speciale** (Rome, I)

Debates in Coronary Interventions

Pretreatment with P2Y12 inhibitors in acute coronary syndromes

- 10:30 – 10:45 Time to switch to new drugs
- 10:45 – 11:00 Clopidogrel still has an important role
- 11:00 – 11:20 Discussion

Thromboaspiration in STEMI

- 11:20 – 11:35 A standard treatment for everybody
- 11:35 – 11:55 A treatment to be reserved to selected patients
- 11:55 – 12:15 Discussion

Friday, December 5

11:00-12:30 | Room 1

HOW TO MAXIMIZE THE RESPONSE TO CARDIAC RESYNCHRONIZATION THERAPY

Chairs: **S. Favale** (Bari, I)
M. Senni (Bergamo, I)

CRT indications: state of the art
U. Khanolkar (Goa, IND)

Who and when? The importance of patient selection for improving CRT responsiveness
M. Landolina (Pavia, I)

Optimizing left ventricular pacing: from Echo to the novel AdaptiveCRT algorithm
M. Meine (Utrecht, NL)

Efficacy of device based algorithms: results from AdaptivCRT Trial
B. Lemke (Luedenscheid, D)

How do we translate the Partners HF results into clinical practice?
Optimal HF patients management through remote monitoring and diagnosis
L. Calo' (Rome, I)

What's next in CRT? Clinical, economical and cost-benefit aspects
F. Leyva (Birmingham, UK)

Friday, December 5

11:00-12:30 | Room 2

CIED REUSE

Chairs: **R. Ciudin** (Bucharest, RO)
M. Toscano (Colleferro-RM, I)

How many implanted devices could be considered for reuse?
D. Spaziani (Magenta-MI, I)

Potential candidates to an implant with a reused electronic device
G. Sharma (New Delhi, IND)

Safety of sterilization processes and biocompatibility
F. Censi (Rome, I)

Should all the extracted devices be controlled by its manufacturer before to be reimplanted in another patient?
C.W. Israel (Frankfurt, D)

Should the patient be informed and accept the implant of a reused devices? Etical and legal problems
I. Can (Ankara, TR)

Cost-benefit of PMK/ICD reuse
E. Soldati (Pisa, I)

Friday, December 5

11:00-12:30 | Room 3

RARE INDICATIONS FOR PERMANENT VVI PACING

Chairs: **A. Abdel-Aziz** (Cairo, ET)
L. Santini (Rome, I)

In Sick Sinus Syndrome
S.K. Dwivedi (Lucknow, IND)

In paroxysmal AV block
R. Nayak (Thodupuzha, IND)

In anatomic venous abnormalities
F. Melandri (Sassuolo-MO, I)

In post-extraction of infected pacing systems
P. Palmisano (Tricase-LE, I)

In sleep apnea with prolonged asystolic pauses
B. Abi-Saleh (Beirut, RL)

In pediatric patients
T. Karagoz (Ankara, TR)



Friday, December 5

11:00-12:30 | Room 4

**CARDIAC RESYNCHRONIZATION THERAPY: IMPROVING
PATIENTS QUALITY OF LIFE**

Chairs: **A.S. Al-Khadra** (Riyadh, SA)
G. Ansalone (Rome, I)

How to predict ATP effectiveness in CRTD patients
D. Bänsch (Rostock, D)

Right versus biventricular ATP: which is more effective?
J.O. Schwab (Bonn, D)

Preventing loss of capture by optimal selection and positioning of the LV lead
F. Zanon (Rovigo, I)

Benefits of device remote control in CRTD patients
F. Solimene (Mercogliano-AV, I)

Infections in CRTD implants: prevalence and management
H. Sabbour (Abu Dhabi, UAE)

Cost-efficacy of CRTD on a long term basis
M. Zecchin (Trieste, I)

Friday, December 5

11:00-12:30 | Room 5

**THE ROLE OF ECHOCARDIOGRAPHY IN
ELECTROPHYSIOLOGY**

Chairs: **S. Ficili** (Rome, I)
A. Raviele (Mestre-VE, I)

Evaluation of intra-interventricular dissynchrony and guide for CRT optimal programming
M. Russo (Rome, I)

Evaluating of atrial and ventricular function pre and post cardioversion for atrial fibrillation
A. Auriti (Rome, I)

Reduction of mitral valve insufficiency by optimal programming of AV and VV intervals
A. Rónaszéki (Nice, F)

Identification and quantification of PFO in patients with TIA
C. Cianfrocca (Rome, I)

Identification of infected vegetations on cardiac valves or intracardiac pacing leads
N. Cabanelas (Coimbra, P)

Intracardiac echocardiography: a multipurpose technique
D. Lin (Philadelphia-PA, USA)

Friday, December 5

12:15-13:05 | Room 7

PROGRESS IN INTERVENTIONAL CARDIOLOGY

Chairman: **G. Speciale** (Rome, I)

Debates in Coronary Interventions

Bioabsorbable scaffolds or Bioresorbable polymer DES for complex lesions

12:15 – 12:30 The future is now

12:30 – 12:45 Wait a minute

12:45 -13:05 Discussion

Friday, December 5

13:05-14:05 | Room 7

PROGRESS IN INTERVENTIONAL CARDIOLOGY

Chairman: **G. Speciale** (Rome, I)

LUNCHEON PANEL

Debates in Coronary Interventions

Timing of revascularization in AMI patients with multivessel disease

13:05 – 13:25 Aggressive strategy

13:25 – 13:45 Elective strategy

13:45 – 14:05 Discussion

Friday, December 5

14:05-15:05 | Room 7

PROGRESS IN INTERVENTIONAL CARDIOLOGY

Chairman: **G. Speciale** (Rome, I)

Updates on Structural Heart Disease

- 14:05 – 14:20 Second generation TAVI devices: will they make a difference?
- 14:20 – 14:35 TAVI for patients with low gradient and low flow
- 14:35 – 14:50 Interventional treatment of mitral regurgitation
- 14:50 – 15:05 Discussion

SCIENTIFIC PROGRAMME

Friday, December 5

15:05-15:50 | Room 7

PROGRESS IN INTERVENTIONAL CARDIOLOGY

Chairman: **G. Speciale** (Rome, I)

Flash debate PFO Closure 2014

- 15:05 – 15:20 Still an important indication
- 15:20 – 15:35 Medical therapy is the first choice
- 15:35 – 15:50 Discussion