

**International School of Cardiology
“Ettore Majorana” Foundation and Centre for Scientific Culture”
Erice (Trapani, Italy)**

School Directors: Francesco Fedele (Rome) – Salvatore Novo (Palermo)

**WORKSHOP “ADVANCES IN CARDIOVASCULAR DISEASES AND THERAPY”
April 19th to 21st 2023**

Scientific Rationale

The Workshop “Advances in Cardiovascular Diseases and Therapy”, promoted by the International School of Cardiology, will cover several topics starting with the presentation of the last guidelines of the European Society of Cardiology concerning Ventricular arrhythmias and sudden death, the Evaluation and cardiovascular management of patients undergoing non-cardiac surgery, the Cardio-Oncology, a new and emerging branch of Cardiology (with a whole session dedicated), and the Pulmonary Hypertension, with new perspectives in the treatment. Moreover, interventional cardiology not only for the treatment of coronary stenoses but also for structural and valve cardiopathies (PFO, left auricle, TAVI, *Mitraclip*) will be extensively treated including the rationale use of anti-thrombotic therapy, and arrhythmology with a discussion of the indications for the ICD application for the prevention of sudden death to prolong the survival of patients in secondary but also in primary prevention, when appropriate. However, in the last years, noninvasive imaging has made great progress becoming crucial in diagnosing several heart diseases. New echocardiographic techniques, such as 3D echo, global longitudinal strain, myocardial deformation imaging, and cardiac magnetic resonance (CMR), have been developed to diagnose and follow up many cardiac diseases. Progress has been reached in diagnosing and treating rare cardiomyopathies such as Amyloidosis and Fabry Disease. For this reason, it is essential that not only cardiologists, involved in the field of imaging, but also general cardiologists and other specialists taking care of patients with heart disease, become confident with these techniques to prescribe them appropriately and understand the added value of the information they can give. Finally, from the therapeutic point of view, tremendous progress has been reached in the prevention and treatment of cardiovascular diseases with the introduction in the routine medical therapy of new drugs for heart failure (Sacubitril/Valsartan, SGLT2-inhibitors, GLP-1, K binder Patiromer, Vericiguat) and PCSK9-inhibitors to reduce cholesterol levels to the new target suggested from ESC/EAS Guidelines. However, a lot of new emerging drugs are arriving in the cardiological therapy (NCEP-inhibitors, Inclisiran, Lp(a) lowering drugs and association of different principles in the polypill for cholesterol or hypertension treatment.

Goals

The Workshop is designed for fellows of the post-graduate Schools of the Sicilian Universities as well as specialists in Cardiology, Internal Medicine, Geriatrics, Cardiac Surgeons, and General Practitioners. The Workshop aims to give modern information on the most actual topics. During the Course, frontal lectures delivered by recognized scientists will alternate with interactive discussion. Earlier diagnosis of cardiac disease may favor better preventive strategies and tailored therapeutic intervention with obvious beneficial effects for the healthcare system.

SCIENTIFIC PROGRAM

WEDNESDAY, APRIL 19th, 2023

- 09.30 - 10.00 **Registration of participants**
- 10.00 - 10.30 **Welcome Ceremony**
F. Fedele (Rome) – S. Novo (Palermo)
Greetings from the Authorities
- 10.30 - 11.00 **Opening Lecture (1)**
Biomarkers in Cardiovascular Diseases
M. Ciaccio (Palermo)
Chair: S. Novo (Palermo)

SESSION I - ESC GUIDELINES 2022

- 11.00 - 11.30 Ventricular arrhythmias and sudden death
G. Coppola (Palermo)
- 11.30 - 12.00 Evaluation and cardiovascular management of patients undergoing non-cardiac surgery
E. Corrado (Palermo)
- 12.00 - 12.30 Cardio-Oncology
G. Novo (Palermo)
- 12.30 - 13.00 Pulmonary Hypertension
D. Guarino (Bologna)
- 13.00 - 14.30 **Lunch**
- 14.30 - 15.00 **Lecture (2)**
Positive cardiovascular effects of antidiabetic drugs in the outcome of CV Diseases
P. Perrone Filardi (Naples)
Chair: G. Novo (Palermo)
- 15.00 - 15.30 **Lecture (3)**
New insights in Amyloidosis
M. Emdin (Pisa)
Chair: G. Novo (Palermo)

SESSION II - CARDIAC AMYLOIDOSIS

Chairs: G. Novo – D. Noto (Palermo)

- 15.30 – 16.00 TTR Amyloidosis: Characteristics and aspects
G. Di Gesaro (Palermo)
- 16.00 - 16.30 TTR Amyloidosis: from clinical suspicion to evaluation through ECG, Echo, Scintigraphy, and NMR
G. Di Bella (Messina)

16.30 – 17.00 The clinical picture of the patient with TTR Amyloidosis: let's talk about the therapy through case reports

D. Di Lisi (Palermo)

17.00 - 17.30 **Lecture (4)**

New Insights in Pathophysiology and Therapy of Fabry Disease

A. Tuttolomondo (Palermo)

Chair: F.M. Sarullo (Palermo)

17.30 – 18.00 **Lecture (5)**

Percutaneous treatment of tricuspid valve

C. Tamburino (Catania)

Chair: C. Cicerone (Palermo)

THURSDAY, APRIL 20th, 2023

08.30 - 09.00 **Lecture (6)**

Diet, physical activity and risk factors awareness and correction: role in the primary prevention of cardiovascular diseases

P. Scicchitano (Bari, Italy)

Chair: S. Novo

09.00 - 09.30 **Lecture (7)**

Smoking and risk reduction: a right to health

S. Festinese (Rome)

Chair: F. Fedele (Rome)

09.30 - 10.00 **Lecture (8)**

Inclisiran: a new perspective for lowering LDL-Cholesterol

F. Colivicchi (Rome)

Chair: G. Geraci (Palermo)

10.00 - 10.30 **Lecture (9)**

Present and future of lipid-lowering drugs

M. Averna (Palermo)

Chair: A.B. Cefalù (Palermo)

10.30 - 11.00 **Lecture (10)**

Residual Cardiovascular Risk

S. Novo (Palermo)

Chair: AV Panno (Palermo)

11.00 - 11.30 **Lecture (11)**

Up-date on the treatment of Arterial Hypertension

ML. Muiesan (Brescia)

Chair: S. Novo (Palermo)

11.30 - 12.00 **Lecture (12)**

A critical review of ESC Guidelines 2022 on Heart Failure

F. Fedele (Roma)

Chair: S. Novo (Palermo)

SESSION III - CARDIO – ONCOLOGY

Chairs: S. Carerj (Messina) - G. Novo (Palermo)

- 12.00 - 12.30 The risk of cardiotoxicity with new anticancer drugs
L. Incorvaia (Palermo)
- 12.30 - 13.00 Clinical and imaging-guided risk stratification of ventricular dysfunction
C. Zito (Messina)
- 13.00 - 13.30 Prevention of systemic and pulmonary thromboembolism in patients with active cancer
M. Ministeri (Catania)
- 13.30 - 14.00 Cardio-protective therapy: Update
I. Monte (Catania)
- 14.00 - 14.30 Development of the Sicilian Network on Cardio-Oncology
G. De Luca (Palermo)
- 14.30 - 15.30 **Lunch**
- 15.30 - 16.00 **Lecture (13)**
ESC Guidelines on Heart Failure
M. Metra (Brescia)
Chair: F. Fedele (Rome)
- 16.00 - 16.30 **Lecture (14)**
Surgery for Heart Failure: an Update
F. Musumeci (Rome)
Chair: V. Polizzi (Palermo)
- 16.30 - 17.00 **Lecture (15)**
Simultaneous Surgery for aortic, mitral and tricuspid valve
M. Pilato (Palermo)
Chair: M. Cipriani (Palermo)
- 17.00 - 17.30 **Lecture (16)**
Minimally invasive mitral valve surgery in the era of Mitraclip: state-of-the-art
V. Argano (Palermo)
Chair: MG Carmina (Palermo)
- 17.30 – 18.00 **Lecture (17)**
Role of genetics in the classification and management of cardiomyopathies
G. Sinagra (Trieste)
Chair: G. Novo (Palermo)
- 18.00 – 18.30 **Lecture (18)**
Influence of the infection SARS-COV2 on Cardiovascular Diseases

M. Ciccone (Bari)
Chair: M. Abrignani (Trapani)

FRIDAY, APRIL 21st, 2023

09.00 - 09.30 **Lecture (19)**
Advances of Echocardiography in non-invasive diagnostics of cardiac dysfunction
S. Carerj (Messina)
Chair: OF. Triolo (Palermo)

SESSION IV – INTERVENTIONAL CARDIOLOGY

Chairs: A.R. Galassi (Palermo) – S. Martino (Trapani)

09.30 - 10.00 Left atrial appendage closure: indication and long-term results
S. Evola (Palermo)

10.00 - 10.30 Patent Foramen Oval Closure: when and with what results?
A. Micari (Messina)

10.30 - 11.00 What we have learned from the Ischemia EXTEND Study?
G. Andò (Messina)

11.00 - 11.30 Coronary microvascular dysfunction and myocardial Ischemia
V. Sucato (Palermo)

11.30 - 12.00 **Lecture (20)**
Aortic stenosis: from inflammatory disease to the percutaneous treatment
C. Indolfi (Catanzaro)
Chair: A.R. Galassi (Palermo)

12.00 - 12.30 **Lecture (21)**
Minimally invasive surgery versus transcatheter aortic valve replacement
K. Fattouch (Palermo)
Chair: A.R. Galassi (Palermo)

12.30 - 13.00 **Lecture (22)**
Treatment of patients with Chronic Ischemic Disease and CTO
A.R. Galassi (Palermo)
Chair: G. Vadalà (Palermo)

13.00 - 14.30 **Lunch**

14.30 - 15.00 **Lecture (23)**
New Trends in Antiplatelet Therapy after AMI
P. Capranzano (Catania)
Chair: S. Fasullo (Palermo)

15.00 - 15.30 **Lecture (24)**
Healed plaque, inflammation and future events
I. Porto (Genoa)

Controllare il
nome dello
studio clinico

Chair: S. Novo (Palermo)

- 15.30 - 16.00 **Lecture (25)**
 Non-invasive evaluation in the diagnosis of microvascular coronary disease
G. Pontone (Milano)
Chair: L. La Grutta (Palermo)
- 16.00 - 16.30 **Lecture (26)**
 Glifozin in AMI: rationale and results
G. Dattilo (Messina)
Chair: M. Gabriele (Mazara del Vallo, Trapani)
- 16.30 - 17.00 **Lecture (27)**
 S-ICD in the primary prevention of sudden death: what evidence?
G. Ciaramitaro (Palermo)
Chair: G. Sgarito (Palermo)
- 17.00 - 17.30 **Lecture (28)**
 Advanced Echocardiography in the modern era
V. Polizzi (Palermo)
Chair: N. Manzullo (Palermo)
- 17.30 – 17.45 **Take home message and concluding remarks**
F. Fedele (Rome) – S. Novo (Palermo)

Online CME QUESTIONNAIRE

(To be completed within 3 days from the end of the Congress)

FACULTY

COGNOME	NOME	CITTÀ
ABRIGNANI	MAURIZIO GIUSEPPE	TRAPANI
ANDÒ	GIUSEPPE	MESSINA
ARGANO	VINCENZO	PALERMO
AVERNA	MAURIZIO	PALERMO
CAPRANZANO	PIERA	CATANIA

CARERJ	SCIPIONE	MESSINA
CARMINA	MARIA GABRIELLA	PALERMO
CEFALÙ	ANGELO BALDASSARE	PALERMO
CIACCIO	MARCELLO	PALERMO
CIARAMITARO	GIANFRANCO	PALERMO
CICCONI	MARCO MATTEO	BARI
CICERONE	CARLO	PALERMO
CIPRIANI	MANLIO GIANNI	PALERMO
COLIVICCHI	FURIO	ROMA
COPPOLA	GIUSEPPE	PALERMO
CORRADO	EGLE	PALERMO
COSENTINO	FRANCESCO	STOCKHOLM-SWEDEN
DATTOLO	GIUSEPPE	MESSINA
DE LUCA	GIOVANNI	PALERMO
DI BELLA	GIANLUCA	MESSINA
DI GESARO	GABRIELE	PALERMO
DI LISI	DANIELA	PALERMO
EMDIN	MICHELE	PISA
EVOLA	SALVATORE	PALERMO
FASULLO	SERGIO	PALERMO
FATTOUCH	KHALIL CHAWCAT	PALERMO

FEDELE	FRANCESCO	ROMA
FESTINESE	SILVIO	ROMA
GABRIELE	MICHELE	MAZARA DEL VALLO (TP)
GALASSI	ALFREDO	PALERMO
GERACI	GIOVANNA	PALERMO
GUARINO	DANIELE	BOLOGNA
INCORVAIA	LORENA	PALERMO
INDOLFI	CIRO	CATANZARO
LA GRUTTA	LUDOVICO	PALERMO
MANZULLO	NILLA	PALERMO
MARTINO	SALVATORE	CASTELVETRANO (TP)
METRA	MARCO	BRESCIA
MICARI	ANTONIO	MESSINA
MINISTERI	MARGHERITA	CATANIA
MONTE	INES PAOLA	CATANIA
MUIESAN	MARIA LORENZA	BRESCIA
MUSUMECI	FRANCESCO	ROMA
NOTO	DAVIDE	PALERMO
NOVO	SALVATORE	PALERMO
NOVO	GIUSEPPINA	PALERMO
PANNO	ANTONIO	PALERMO

PERRONE FILARDI	PASQUALE	NAPOLI
PILATO	MICHELE	PALERMO
POLIZZI	VINCENZO	PALERMO
PONTONE	GIANLUCA	MILANO
PORTO	ITALO	GENOVA
SARULLO	FILIPPO MARIA	PALERMO
SGARITO	GIUSEPPE	PALERMO
SINAGRA	GIANFRANCO	TRIESTE
SUCATO	VINCENZO	PALERMO
TAMBURINO	CORRADO	CATANIA
TRIOLO	ORESTE FABIO	PALERMO
TUTTOLOMONDO	ANTONINO BRUNO	PALERMO
VADALÀ	GIUSEPPE	PALERMO
ZITO	CONCETTA MARIA ESTER	MESSINA

INFORMAZIONI

SEDE:

INTERNATIONAL SCHOOL OF CARDIOLOGY
 ETTORE MAJORANA FOUNDATION AND CENTER FOR SCIENTIFIC CULTURE
 Via Gian Filippo Guarnotti, 26, 91016 Erice TP

PARTECIPANTI: Evento accreditato per massimo 100 discenti

CREDITI FORMATIVI – ECM 309..... : **CREDITI ECM:**

PROFESSIONE: Medico chirurgo

DISCIPLINE: Cardiologia, Cardiochirurgia, Medicina Interna, Geriatria, Medicina Generale (Medici di Famiglia)

OBIETTIVI FORMATIVI: Linee guida - protocolli - procedure

AREA FORMATIVA: obiettivi formativi di sistema

LANGUAGES: English and Italian