

*International School of Cardiology
Ettore Majorana Foundation
and Centre for Scientific Culture*

SCHOOL DIRECTORS: **F. Fedele, S. Novo**

WORKSHOP

**ADVANCES IN
CARDIOVASCULAR
DISEASES AND THERAPY**

APRIL, 19-21 2023

ERICE (TP)



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.

The “Ettore Majorana” Foundation and Centre for Scientific Culture

The “Ettore Majorana” Foundation and International Centre for Scientific Culture (EMFCSC) is named after an outstanding Italian physicist born in 1906 who had been appointed full professor of Theoretical Physics at the University of Naples at the age of 30.

He was much respected and admired by the scientific community including, among others, by the Nobel Prize winners Enrico Fermi, Emilio Segrè, Niels Bohr, Werner Heisenberg etc. and whose disappearance during a boat trip from Palermo to Naples on 27 March 1938 is still shrouded in mystery.

THE CENTRE

The Centre is situated in the old pre-mediaeval city of Erice where three restored monasteries (San Rocco, San Domenico and San Francesco) offer an appropriate setting for high intellectual endeavors besides providing living quarters for Faculty Members and Participants to the Course. These ancient buildings are now named after great Scientists and strong supporters of the “Ettore Majorana” Centre. The San Francesco Monastery (former Viceroy's residence) is now the Eugene P. Wigner Institute with the “Enrico Fermi” Lecture Hall. The San Domenico Monastery is now the Patrick M.S. Blackett Institute With the “Paul A.M. Dirac” Lecture Hall.

The San Rocco Monastery is now the Isidor I. Rabi Institute with the “Richard P. Feynman” Lecture Hall, the Directorate and the main Secretariat of the Centre.

Since the establishment of the Centre in 1962 by Professor Antonino Zichichi with the International School of Subnuclear Physics, the Centre has grown over the years and now embraces over 120 Schools, covering all fields of Science.

ACCOMODATION AND FACILITIES

There are living quarters in all three renovated monasteries for people attending the Courses at the Centre. In addition to the rooms in the three Institutes, some participants may be housed in local hotels, depending upon the size of the group, and whether there are parallel activities taking place. Meals are provided at a variety of local restaurants.

ARRIVAL AND DEPARTURE

There are many flights from Rome and from Milan to Palermo. Also, there are a few flights to the Airport of Trapani Birgi which is closer to Erice.

On the official arrival day, transportation from Palermo airport to Erice will be provided by the Ettore Majorana Centre. Our bus will be available at Palermo airport on the afternoon of your arrival day until 5 p.m., to drive you to Erice. Participants arriving at Palermo airport should look for the Ettore Majorana meeting point inside the terminal at the arrival gate where the Ettore Majorana Centre driver will be waiting. Transportation will be provided also for participants arriving at Trapani Birgi Airport. On the official day of departure, transfer to Palermo and to Trapani Birgi airports will be provided by the Centre.

Participants must communicate their arrival and departure times and flight numbers well in advance of their arrival in order to organise their transfer to the airports.





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— WEDNESDAY, APRIL 19TH 2023 —

09.30 - 10.00	Registration of participants	
10.00 - 10.30	Welcome Ceremony <i>Greetings from the Authorities</i>	<i>F. Fedele, S. Novo</i>
10.30 - 11.00	Opening Lecture (1) Biomarkers in Cardiovascular Diseases CHAIR: <i>S. Novo</i>	<i>M. Ciaccio</i>
SESSION I - ESC GUIDELINES 2022		
11.00 - 11.30	Ventricular arrhythmias and sudden death	<i>G. Coppola</i>
11.30 - 12.00	Evaluation and cardiovascular management of patients undergoing non-cardiac surgery	<i>E. Corrado</i>
12.00 - 12.30	Cardio-Oncology	<i>G. Novo</i>
12.30 - 13.00	Pulmonary Hypertension	<i>D. Guarino</i>
13.00 - 14.30	<i>Lunch</i>	
14.30 - 15.00	Lecture (2) Positive cardiovascular effects of antidiabetic drugs in the outcome of CV Diseases CHAIR: <i>G. Novo</i>	<i>P. Perrone Filardi</i>
15.00 - 15.30	Lecture (3) New insights in Amyloidosis CHAIR: <i>G. Novo</i>	<i>M. Emdin</i>
SESSION II - CARDIAC AMYLOIDOSIS CHAIRS: <i>D. Noto, G. Novo</i>		
15.30 - 16.00	TTR Amyloidosis: Characteristics and aspects	<i>G. Di Gesaro</i>
16.00 - 16.30	TTR Amyloidosis: from clinical suspicion to evaluation through ECG, Echo, Scintigraphy, and NMR	<i>G. Di Bella</i>
16.30 - 17.00	The clinical picture of the patient with TTR Amyloidosis: let's talk about the therapy through case reports	<i>D. Di Lisi</i>
17.00 - 17.30	Lecture (4) New Insights in Pathophysiology and Therapy of Fabry Disease CHAIR: <i>F.M. Sarullo</i>	<i>A. Tuttolomondo</i>
17.30 - 18.00	Lecture (5) Percutaneous treatment of tricuspid valve CHAIR: <i>C. Cicerone</i>	<i>C. Tamburino</i>



— 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 CHAIR: S. Novo	P. Scicchitano
09.00 - 09.30	Lecture (7) Smoking and risk reduction: a right to health CHAIR: F. Fedele	S. Festinese
09.30 - 10.00	Lecture (8) Inclisiran: a new perspective for lowering LDL-Cholesterol CHAIR: G. Geraci	F. Colivicchi
10.00 - 10.30	Lecture (9) Present and future of lipid-lowering drugs CHAIR: A.B. Cefalù	M. Aversa
10.30 - 11.00	Lecture (10) Residual Cardiovascular Risk CHAIR: AV Panno	S. Novo
11.00 - 11.30	Lecture (11) Up-date on the treatment of Arterial Hypertension CHAIR: S. Novo	ML. Muiesan
11.30 - 12.00	Lecture (12) A critical review of ESC Guidelines 2022 on Heart Failure CHAIR: S. Novo	F. Fedele

SESSION III - CARDIO – ONCOLOGY

CHAIRS: **S. Carerj, G. Novo**

12.00 - 12.30	The risk of cardiotoxicity with new anticancer drugs	L. Incorvaia
12.30 - 13.00	Clinical and imaging-guided risk stratification of ventricular dysfunction	C. Zito
13.00 - 13.30	Prevention of systemic and pulmonary thromboembolism in patients with active cancer	M. Ministeri
13.30 - 14.00	Cardio-protective therapy: Update	I. Monte
14.00 - 14.30	Development of the Sicilian Network on Cardio-Oncology	G. De Luca
14.30 - 15.30	Lunch	
15.30 - 16.00	Lecture (13) ESC Guidelines on Heart Failure CHAIR: F. Fedele	M. Metra



16.00 - 16.30	Lecture (14) Surgery for Heart Failure: an Update CHAIR: <i>V. Polizzi</i>	<i>F. Musumeci</i>
16.30 - 17.00	Lecture (15) Simultaneous Surgery for aortic, mitral and tricuspid valve CHAIR: <i>F. Clemenza</i>	<i>M. Pilato</i>
17.00 - 17.30	Lecture (16) Minimally invasive mitral valve surgery in the era of Mitraclip: state-of-the-art CHAIR: <i>MG Carmina</i>	<i>V. Argano</i>
17.30 - 18.00	Lecture (17) Role of genetics in the classification and management of cardiomyopathies CHAIR: <i>G. Novo</i>	<i>G. Sinagra</i>
18.00 - 18.30	Lecture (18) Influence of the infection SARS-COV2 on Cardiovascular Diseases CHAIR: <i>M. G. Abrignani</i>	<i>M. Ciccone</i>

— FRIDAY, APRIL 21ST 2023 —

09.00 - 09.30	Lecture (19) Advances of Echocardiography in non-invasive diagnostics of cardiac dysfunction CHAIR: <i>OF. Triolo</i>	<i>S. Carerj</i>
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SESSION IV – INTERVENTIONAL CARDIOLOGY II

CHAIRS: *A.R. Galassi, S. Martino*

09.30 - 10.00	Left atrial appendage closure: indication and long-term results	<i>S. Evola</i>
10.00 - 10.30	Patent Foramen Oval Closure: when and with what results?	<i>A. Micari</i>
10.30 - 11.00	What have we learned from the Ischemia EXTEND Study?	<i>G. Andò</i>
11.00 - 11.30	Coronary microvascular dysfunction and myocardial Ischemia	<i>V. Sucato</i>
11.30 - 12.00	Lecture (20) Aortic stenosis: from inflammatory disease to the percutaneous treatment CHAIR: <i>A.R. Galassi</i>	<i>C. Indolfi</i>
12.00 - 12.30	Lecture (21) Minimally invasive surgery versus transcatheter aortic valve replacement CHAIR: <i>A.R. Galassi</i>	<i>K. Fattouch</i>
12.30 - 13.00	Lecture (22) Treatment of patients with Chronic Ischemic Disease and CTO CHAIR: <i>A.R. Galassi</i>	<i>G. Vadalà</i>

- 13.00 - 14.30** Lunch
- 14.30 - 15.00** **Lecture (23)**
New Trends in Antiplatelet Therapy after AMI
CHAIR: **S. Fasullo** **P. Capranzano**
- 15.00 - 15.30** **Lecture (24)**
Healed plaque, inflammation and future events
CHAIR: **S. Novo** **R. Vergallo**
- 15.30 - 16.00** **Lecture (25)**
Non-invasive evaluation in the diagnosis of microvascular coronary disease
CHAIR: **L. La Grutta** **G. Pontone**
- 16.00 - 16.30** **Lecture (26)**
Glifozin in AMI: rationale and results
CHAIR: **M. Gabriele** **G. Dattilo**
- 16.30 - 17.00** **Lecture (27)**
S-ICD in the primary prevention of sudden death: what evidence?
CHAIR: **S. Novo** **G. Ciaramitaro**
- 17.00 - 17.30** **Lecture (28)**
Advanced Echocardiography in the modern era
CHAIR: **N. Manzullo** **V. Polizzi**
- 17.30 - 17.45** Take home message and concluding remarks **F. Fedele, S. Novo**

Online CME QUESTIONNAIRE

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



STEP 1° - REGISTRAZIONE ONLINE (OBBLIGATORIA)

PER REGISTRARTI

oppure

INQUADRA IL QR CODE

CLICCA QUI



STEP 2° - MODULISTICA, QUESTIONARIO ECM ED ATTESTATI

Al termine del corso, per procedere alla compilazione della modulistica, del questionario di apprendimento ECM e scaricare sia l'attestato di partecipazione che il certificato ECM con i crediti conseguiti, bisognerà entro e non oltre 3 giorni dalla conclusione dell'attività formativa procedere nel seguente modo:

- Collegarsi al link www.fadcollage.it
- Accedere con le credenziali inserite in fase di registrazione e selezionare **IL MIO PANNELLO**
- Selezionare l'evento da concludere
- Procedere con i 5 step formativi conclusivi: 1, 2, 3, 4, 5

	Evento Residenziale
1	Qualità Percepita
2	Rilevazione Attività Formativa
3	Test finale di Valutazione
4	Attestato di Partecipazione
5	Attestato crediti ECM

L'attestato che certifica i crediti ottenuti sarà scaricabile dopo la verifica dei requisiti di partecipazione, dei risultati del test finale e della compilazione delle schede di rilevazione della qualità percepita.



INFORMAZIONI

ISCRIZIONE: È obbligatorio pre-iscriversi online prima dell'evento

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: L'evento è stato accreditato al Ministero della Salute dal Provider Collage S.p.A. (cod. rif. Albo Nazionale Provider 309) rif. ECM n. **309-376687** per: **Medico Chirurgo** [Cardiologia, Cardiochirurgia, Medicina Interna, Geriatria, Medicina Generale (Medici di Famiglia), Malattie metaboliche e diabetologia]

OBIETTIVI FORMATIVI: Linee guida - protocolli - procedure

AREA FORMATIVA: Obiettivi formativi di sistema

CREDITI ECM: Sono stati assegnati all'evento n. **22** Crediti Formativi.

Per avere diritto ai crediti formativi ECM è obbligatorio:

- Partecipare almeno al 90% dell'attività formativa dichiarata.
- Appartenere ad una delle discipline per le quali è stato accreditato l'evento
- Svolgere la prova di verifica di apprendimento che è garantita dalla rilevazione delle operazioni registrate dal sistema
- La prova di verifica dovrà essere effettuata entro massimo 3 giorni dal termine del corso.
- Il test può essere effettuato solo una volta e sarà considerato superato al corretto completamento del 75% dei quesiti proposti

Il provider prevederà specifiche verifiche dell'identità del professionista

LINGUE: Italiano e Inglese

QUOTE D'ISCRIZIONE* (IVA esclusa 22%)

€ 500

La quota include:

Partecipazione ai lavori scientifici

Kit Congressuale

Badge di riconoscimento

Trasferimenti da/a Aeroporti di Trapani e Palermo

2 pernottamenti

2 Coffee break

3 Colazioni di lavoro

2 Cene

Cancellation Policy:

Rimborso/cancellazioni consentito solo fino al **30 marzo** (il 30% della quota versata sarà trattenuto per spese amministrative)



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