

«ETTORE MAJORANA» FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE

TO PAY A PERMANENT TRIBUTE TO ARCHIMEDES AND GALILEO GALILEI, FOUNDERS OF MODERN SCIENCE
AND TO ENRICO FERMI, THE "ITALIAN NAVIGATOR", FATHER OF THE WEAK FORCES



SUMMARY OF THE 2021 COURSES – ERICE



All Courses are sponsored by the World Federation of Scientists (WFS), the Sicilian Regional Government (ERS), the Italian Ministry of Education, University and Scientific Research and the Galileo Galilei Foundation (GGF). Some of the Courses are under the sponsorship of the Italian Ministry of Foreign Affairs, the Italian Ministry of Health, the North Atlantic Treaty Organization (NATO), the American National Science Foundation (NSF), the Italian National Research Council (CNR), the Weizmann Institute of Science, the European Physical Society (EPS), the Italian National Institute for Nuclear Physics (INFN), the Enrico Fermi Historical Museum of Physics and Study and Research Centre, the World Wildlife Fund (WWF), the Commission of the European Communities (CEC), some of the main Italian and foreign Universities and Research Centres, and the World Laboratory

- INTERNATIONAL SCHOOL ON BIOELECTROMAGNETISM «ALESSANDRO CHIABRERA»
Directors: F. BERSANI – M.R. SCARFÌ
10th Workshop: *THz Bio*
Directors: G.P. GALLERANO – O. ZENI
19 – 23 April 2021
- INTERNATIONAL SCHOOL OF CRYSTALLOGRAPHY
Director: T.L. BLUNDELL
55th Course: *Molecular Crystal Engineering*
Directors: U. GRIESSER – M. LUSI – L. MAINI
28 May – 6 June 2021
- INTERNATIONAL SCHOOL ON TREASURES OF ART AND SCIENCE
Director: L. ZICHICHI
Exhibitions on:
Fibonacci and the Golden Ratio. The generating Form
History of the Majorana Centre
Stars, Constellations and Horoscopes
Directors: A. ZICHICHI – L. ZICHICHI
14 June – 4 November 2021
- INTERNATIONAL SCHOOL ON TREASURES OF ART AND SCIENCE
Director: L. ZICHICHI
5th Seminar and Exhibition on: *De Chirico and Ventrone. The Victory of Painting*
Directors: G.B. GUERRI – V. NOEL-JOHNSON – V. SGARBI – L. ZICHICHI
14 June – 4 November 2021
- INTERNATIONAL SCHOOL ON TREASURES OF ART AND SCIENCE
Director: L. ZICHICHI
6th Seminar and Exhibition on: *Alle origini della Sicilia: la terra e le città degli Elimi. I Troiani di Sicilia*
Directors: C. AMPOLO – R. GIGLIO – A. MAGNETTO – M.C. PARRA
14 June – 4 November 2021
- INTERNATIONAL SCHOOL OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D’ALESSANDRO»
Directors: G.M. FARA – G. GIAMMANCO – C. SIGNORELLI – M. SZKLO – F. VITALE
57th Course: *Re-think cities and living spaces for Public Health purposes, according with the Covid-19 lesson*
Directors: S. CAPOLONGO – A. CASUCCIO – D. D’ALESSANDRO – M. FERRANTE
24 – 28 June 2021

- INTERNATIONAL SCHOOL OF WATER AND WATER SYSTEMS
Directors: R. CAR – F. MALLAMACE – L.G.M. PETTERSON
3rd Course: *Advances in Functional Materials: Fundamentals, Technology and Sustainable Energy Production*
Directors: C. AMPELLI – D. MALLAMACE – R. PASTORE
5 – 8 July 2021

- INTERNATIONAL SCHOOL ON TREASURES OF ART AND SCIENCE
Director: L. ZICHICHI
7th Seminar and Exhibition on: *Archaeological finds on the Elymians. The Trojans of Sicily*
Directors: C. AMPOLO – R. GIGLIO – A. MAGNETTO – M.C. PARRA
14 July – 4 November 2021

- INTERNATIONAL SCHOOL ON TREASURES OF ART AND SCIENCE
Director: L. ZICHICHI
8th Seminar: *Lessons on de Chirico and Ventrone*
Directors: G.B. GUERRI – V. SGARBI – L. ZICHICHI
23 July 2021

- WFS-INTERNATIONAL PLANETARY EMERGENCIES – PERMANENT MONITORING PANELS VIRTUAL MEETINGS
Chairman: A. ZICHICHI - Co-Chairman: T.D. LEE
17 – 25 August 2021

- INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»
Directors: F. GIANNESI – now G. BUTTAZZO – M. THÉRA
75th Workshop: *Mathematics and Computation of Financial Engineering*
Directors: A. CAPPONI – P. GUASONI
1 – 7 September 2021

- INTERNATIONAL SCHOOL OF ETHOLOGY «DANILO MAINARDI»
Directors: P. PALANZA – S. PARMIGIANI
47th Course: *Personality and evolution in animals and humans*
Directors: C. CARERE – D. MAESTRIPIERI
8 – 12 September 2021

- INTERNATIONAL SCHOOL OF NUCLEAR PHYSICS
Directors: M. BUBALLA – A. FAESSLER – C. FISCHER
42nd Course: *QCD under extreme conditions – from heavy-ion collisions to the phase diagram*
Directors: M. BUBALLA – A. FAESSLER – C. FISCHER
16 – 22 September 2021

- GIORNATE INTERNAZIONALI DI STUDI SULL'AREA ELIMA «GIUSEPPE NENCI»
Ottave Giornate Internazionali di Studi sull'Area Elima e la Sicilia Occidentale nel Contesto Mediterraneo
Directors: C. AMPOLO – R. GIGLIO – A. MAGNETTO – M.C. PARRA
25 – 30 September 2021

- INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS
Directors: A.N. CHESTER – D.S. WIERSMA
64th Course: *Progress in photoacoustic and photothermal phenomena: Focus on biomedical, nanoscale, NDE and thermophysical phenomena and technologies*
Directors: R. LI VOTI – A. MANDELIS
16 – 23 October 2021

- INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
Director: G. BENEDEK
76th Workshop: *Topological Quantum Science*
Director: A. BIANCONI
1 – 7 November 2021

- EXTREME ENERGY EVENTS PROJECT
Director: A. ZICHICHI
1st meeting of the EEE Project after COVID shutdown
Directors: L. CIFARELLI – S. PISANO
17 – 19 November 2021

- INTERNATIONAL SCHOOL ON TREASURES OF ART AND SCIENCE
Director: L. ZICHICHI
9th Seminar: *I borghi più belli d'Italia in Sicilia*
Director: L. ZICHICHI
19 – 20 November 2021

- SCUOLA DI METODOLOGIA E FORMAZIONE IN RICERCA CLINICA SIMI
Director: A. PIETRANGELO
21 – 25 November 2021

- INTERNATIONAL MEETING ON ORTHOPEDICS
Director: C. SUGAMELI
26 – 28 November 2021

- INTERNATIONAL SCHOOL OF BRAIN CELLS AND CIRCUITS «CAMILLO GOLGI»
Directors: E. D'ANGELO – C. GANDINI WHEELER-KINGSHOTT
6th Course: *Modeling the brain*
Directors: E. D'ANGELO – C. GANDINI WHEELER-KINGSHOTT – V. JIRSA
30 November – 4 December 2021

- INTERNATIONAL SCHOOL ON TREASURES OF ART AND SCIENCE
Director: L. ZICHICHI
10th Seminar: *I.C.A.R.E (Integration and Community Care for Asylum and Refugees in Emergency) Fondo AMIF (Asylum, Migration, and Integration Fund/Emergency/Assistance) HOME/2017/AMIF/AG/ EMAS/0075 C. E.*
Director: A. SPARACO
9 – 10 December 2021

- INTERNATIONAL SCHOOL OF IUS COMMUNE
Directors: M. BELLOMO – O. CONDORELLI – W. DECOCK – K. PENNINGTON
40th Course: *Ius Commune and Western society*
Directors: O. CONDORELLI – W. DECOCK – K. PENNINGTON
13 – 17 December 2021

**More information about the activities of the Ettore Majorana Foundation
can be found on the WWW at the following address:
<http://www.ccsem.infn.it>**