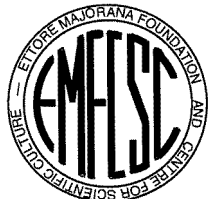


«ETTORE MAJORANA» FOUNDATION AND CENTRE FOR SCIENTIFIC CULTURE

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



SUMMARY OF THE 2010 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 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 OF GEOPHYSICS

Director: E. BOSCHI

33rd Workshop: *ANDRILL – Southern McMurdo Sound (SMS) Science Integration*

Directors: F. FLORINDO – D. HARWOOD – R. LEVY

6 – 12 April 2010

● INTERNATIONAL SCHOOL OF LIQUID CRYSTALS

Director: C. ZANNONI

17th Course: *Organic Nanomaterials for Electronics and Photonics*

Directors: Y. GEERTS – P. PASINI – C. ZANNONI

13 – 20 April 2010

● INTERNATIONAL SCHOOL OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D'ALESSANDRO»

Directors: G.M. FARA – G. GIAMMANCO

38th Course: *Managing the Local Health Unit*

Directors: R. METE – S. POMPILI – M. VALSECCHI

21 – 26 April 2010

● INTERNATIONAL SCHOOL OF MEDICAL SCIENCES

140th Course: *From Bedside to Desktop Cancer Medicine and Backwards: the Implementation of Omic Sciences in the Prevention and Treatment of Human Tumors*

Directors: B. AGOSTARA – H.L. BRADLOW – G. CARRUBA – L. MASSIMO

3 – 8 May 2010

● INTERNATIONAL SCHOOL OF SCIENTIFIC JOURNALISM AND COMMUNICATION

Director: E. IAROCCI

2nd Course: *Frontier Science for Health*

Director: E. IAROCCI

8 – 13 May 2010

● INTERNATIONAL SCHOOL ON MAGNETIC RESONANCE AND BRAIN FUNCTION

Director: B. MARAVIGLIA

8th Workshop: *Brain Function Investigation by Magnetic Resonance, Electrophysiology, and Molecular Imaging*

Directors: F. GIOVE – B. MARAVIGLIA

9 – 16 May 2010

-
- INTERNATIONAL MEETING OF BSI
Directors: N.N. NALIVAEVA – A.J. TURNER
19 – 22 May 2010
-
- INTERNATIONAL CONFERENCE ON MEMBRANE DOMAINS IN CNS PHYSIOLOGY AND PATHOLOGY
Directors: M. CORTI – N.N. NALIVAEVA – A. PRINETTI – S. SONNINO – A.J. TURNER
22 – 26 May 2010
-
- INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
Director: G. BENEDEK
47th Course: *Materials for Renewable Energy*
Directors: D. GINLEY – J. POATE – E. RIMINI – A. SLAOUY – A. TERRASI
27 May – 3 June 2010
-
- INTERNATIONAL SCHOOL OF CRYSTALLOGRAPHY
Director: T.L. BLUNDELL
42nd Course: *Structure and Function from Macromolecular Crystallography: Organization in Space and Time*
Directors: T.L. BLUNDELL – M.A. CARRONDO
3 – 13 June 2010
-
- INTERNATIONAL SCHOOL OF STRUCTURAL AND MOLECULAR ARCHAEOLOGY «HUBERT CURIEN»
Director: G. TSOUCARIS
3rd Course: *Non-Invasive Analysis of Painting Materials*
Directors: D. STRIVAY – P. WALTER
14 – 21 June 2010
-
- INTERNATIONAL SCHOOL OF ATOMIC AND MOLECULAR SPECTROSCOPY
Director: B. DI BARTOLO
27th Workshop: *Luminescence of Inorganic Materials and Bioimaging: Metal-to-Metal Energy and Electron Transfer*
Directors: M. BETTINELLI – B. DI BARTOLO
22 – 29 June 2010
-
- INTERNATIONAL SCHOOL OF BIOLOGICAL MAGNETIC RESONANCE
Directors: O. JARDETZKY – J.D. PUGLISI
10th Course: *Biophysics and Structure to Counter Threats and Challenges*
Directors: A. ARSENIYEV – J.D. PUGLISI
22 June – 1 July 2010
-
- INTERNATIONAL SCHOOL OF PHARMACOLOGY
Directors: L. RAUSA – G.P. VELO
75th Workshop: *Italian Pharmacovigilance Network: Which Future?*
Directors: R. LEONE – U. MORETTI – G.P. VELO
23 – 27 June 2010
-
- INTERNATIONAL SCHOOL OF MEDICAL SCIENCES
141st Course: *Breast and Lung Cancer in the Elderly – Update and Future*
Director: I. CARRECA
28 June – 1 July 2010
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- INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»
Director: F. GIANNESSE
52nd Workshop: *Nonlinear Optimization, Variational Inequalities and Equilibrium Problems*
Director: G. DI PILLO
2 – 10 July 2010

 - INTERNATIONAL SCHOOL OF COSMIC RAY ASTROPHYSICS «MAURICE M. SHAPIRO»
17th Course: *Astro & Particle Physics: from Underground to Outer Space*
Directors: T.S. STANEV – J.P. WEFEL
11 – 18 July 2010

 - INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS
Directors: A.N. CHESTER – S. MARTELLUCCI
47th Course: *Advanced on NanoPhotonics III*
Directors: C. SIBILIA – M. BERTOLOTTI – C. SOTOMAYOR TORRES – D. WIERSMA
11 – 18 July 2010

 - INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS
Directors: A.N. CHESTER – S. MARTELLUCCI
48th Workshop: *Photoacoustic and Photothermal Phenomena*
Directors: R. LI VOTI – A. MANDELIS
11 – 18 July 2010

 - INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
Director: G. BENEDEK
48th Course: *Quantum Phenomena in Complex Matter*
Director: A. BIANCONI
19 – 25 July 2010

 - INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
Director: G. BENEDEK
49th Course: *Epioptics 11*
Directors: A. CRICENTI – T. RAISING
19 – 25 July 2010

 - INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
Director: G. BENEDEK
50th Course: *Shell Effects in Finite Quantum Systems*
Directors: K. HANSEN – V.V. KRESIN
25 – 31 July 2010

 - INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
Director: G. BENEDEK
51st Course: *Euroconferences on the Science and Technology of Ionics*
Director: W. WEPPNER
26 July – 6 August 2010

 - INTERNATIONAL SCHOOL ON MIND, BRAIN AND EDUCATION
Directors: A.M. BATTRO – K.W. FISCHER
5th Course: *Arts Learning and the Brain*
Directors: A.M. BATTRO – K.W. FISCHER – S. MAGSAMEN
1 – 6 August 2010
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- ERICE INTERNATIONAL SEMINARS ON PLANETARY EMERGENCIES – Chairman: A. ZICHICHI
43rd Session – Co-Chairman: T.D. LEE
19 – 24 August 2010
-
- INTERNATIONAL SCHOOL OF SUBNUCLEAR PHYSICS – Director: A. ZICHICHI
48th Course: *What is Known and Unexpected at LHC*
Directors: G. 't HOOFT – A. ZICHICHI
29 August – 7 September 2010
-
- INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»
Director: F. GIANNESI
53rd Workshop: *Variational Analysis and Aerospace Engineering*
Directors: G. BUTTAZZO – A. FREDIANI – D. SCHMITT
8 – 16 September 2010
-
- INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»
Director: F. GIANNESI
54th Workshop: *Stochastic Methods in Game Theory*
Directors: M. SCARSINI – E. SOLAN – N. VIEILLE
8 – 16 September 2010
-
- INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»
Director: F. GIANNESI
55th Workshop: *Optimization Machine Learning and Bioinformatics*
Directors: P. BALDI – S. BRUNAK – R. CERULLI – R. TAGLIAFERRI
8 – 16 September 2010
-
- INTERNATIONAL SCHOOL OF NUCLEAR PHYSICS
Directors: A. FAESSLER – J. WAMBACH
32nd Course: *Particle and Nuclear of Astrophysics*
Directors: A. FAESSLER – J. WAMBACH
16 – 24 September 2010
-
- INTERNATIONAL SCHOOL OF GEOPHYSICS
Director: E. BOSCHI
34th Course: *Densely Populated Settings: the Challenge of Siting Geological Facilities for Deep Geothermics, CO₂ and Natural Gas Storage, and Radioactive Waste Disposal*
Directors: A. BRONDI – S. HAZALDINE – P. McGRAIL – F. QUATTROCCHI – D. SCROCCA
25 – 30 September 2010
-
- CONFERENCE ON TOPOGRAFIA E CARTOGRAFIA
Chairman: B. VILLA
29 September – 2 October 2010
-
- ADVANCED WORKSHOP ON SPORTS MEDICINE «VINCENZO BAIAMONTE»
4th Workshop: *Physical Movement, Sport and Health*
Directors: C. MENOTTI – F.P. SIELI
30 September – 3 October 2010
-

● INTERNATIONAL SCHOOL OF GEOPHYSICS

Director: E. BOSCHI

35th Workshop: *Non-Steady-State Subduction: Changes in the Calabrian Arc and its Mediterranean Setting*

Directors: C. FACCENNA – I. GUERRA – N. PIANA AGOSTINETTI – L. SEEBER – M. STECKLER

3 – 8 October 2010

● INTERNATIONAL SCHOOL OF IUS COMMUNE

Directors: M. BELLOMO – O. CONDORELLI – K. PENNINGTON

30th Course: *History of Dogmata Iuris – Dogmata Iuris in the History*

Director: M. BELLOMO

8 – 14 October 2010

● INTERNATIONAL SCHOOL OF CARDIOLOGY

Director: F. FEDELE

13th Course: *E-Cardiology Conference of the Mediterranean - III*

Director: F. FEDELE

15 – 17 October 2010

● INTERNATIONAL SCHOOL OF DERMATOLOGY

Directors: G. BURG – B. GIANNOTTI

4th Course: *The Many Faces of Atopic Dermatitis*

Director: L. ZICHICHI

18 – 22 October 2010

● INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS

Director: G. BENEDEK

52nd Course: *New Trends in Nonlinear Dynamics: Heat Control and Thermoelectric Efficiency*

Directors: G. CASATI – H. LINKE – F. MARCHESONI

23 – 28 October 2010

● INTERNATIONAL SCHOOL OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D’ALESSANDRO»

Directors: G.M. FARA – G. GIAMMANCO

39th Course: *Case Studies in Clinical Risk Management: Health Care-Associated Infections (HCAI)*

Director: F. AUXILIA

29 October – 3 November 2010

● INTERNATIONAL SCHOOL OF CARDIOLOGY

Director: F. FEDELE

14th Course: *Heart Ionic Channels: From Bench to Bedside*

Director: F. FEDELE

4 – 6 November 2010

● CONSULTA PERMANENTE DELLA SOCIETÀ ITALIANA DI CARDIOLOGIA

Chairman: S. NOVO

7 – 8 November 2010

● INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS

Directors: A.N. CHESTER – S. MARTELLUCCI

49th Course: *Radiowave Propagation*

Director: A. MARTELLUCCI – C. RIVA

7 – 20 November 2010

● INTERNATIONAL SCHOOL ON BIOELECTROMAGNETISM «ALESSANDRO CHIABRERA»

Director: F. BERSANI

5th Course: *Medical Applications of Electromagnetic Fields*

Directors: R. CADOSSO – L. MIR

22 – 30 November 2010

● SEMINARIO INTERNAZIONALE SU MACHIAVELLISMO E ANTIMACHIAVELLISMO IN EUROPA NEL PENSIERO CRISTIANO DEL XIX E XX SECOLO

Chairmen: E. BALDINI – E. GUCCIONE

2 – 3 December 2010

● INTERNATIONAL SCHOOL OF MEDICAL SCIENCES

142nd Course: *Beyond the Biological Limits: The Consciousness and its Disorders - Advanced Management and End-of-Life Issues in the Neurodegenerative Diseases*

Directors: C.A. DEFANTI – F. PICCOLI – C. VINCENTI

3 – 6 December 2010

**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>**