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 CRYSTALLOGRAPHY
Director: T.L. BLUNDELL
43rd Course: Electron crystallography: New methods to explore structure and properties of the nano world
Directors: A. AVILOV – U. KOLB – L. MESHI
2 – 12 June 2011

INTERNATIONAL SCHOOL OF CRYSTALLOGRAPHY
Director: T.L. BLUNDELL
44th Course: The power of powder diffraction
Directors: W.I.F. DAVID – K. SHANKLAND
2 – 12 June 2011

INTERNATIONAL SCHOOL OF CARDIAC SURGERY
Director: U.F. TESLER
4th Course: Reconstructive cardiovascular surgery: An interactive approach
Directors: U.F. TESLER – M.I. TURINA
13 – 18 June 2011

INTERNATIONAL SCHOOL OF MEDICAL SCIENCES
143rd Course: Recent advances in perinatal medicine
Directors: R. DI IORIO – D. GAZZOLO – E. MARINORI
16 – 19 June 2011

INTERNATIONAL SCHOOL OF PHARMACOLOGY
Director: G.P. VELO
76th Workshop: Innovation in health care technology: Drugs, surgery, devices and diagnostics
15 – 18 June 2011

INTERNATIONAL SCHOOL OF PHARMACOLOGY
Director: G.P. VELO
77th Workshop: Eicosanoids in cardiovascular disease
19 – 23 June 2011

INTERNATIONAL SCHOOL OF SUBNUCLEAR PHYSICS
Director: A. ZICHICHI
49th Course: Searching for the unexpected at LHC and status of our knowledge
Directors: G. ’t HOOFT – A. ZICHICHI
24 June – 3 July 2011

INFN ELOISATRON PROJECT
Director: A. ZICHICHI
53rd Course
24 June – 3 July 2011

INTERNATIONAL SCHOOL OF LIQUID CRYSTALS
Director: C. ZANNONI
18th Course: Liquid crystal nanostructures and self-assembling: From organic electronics to metamaterials
Directors: A. D’ALESSANDRO – P. PASINI – C. ZANNONI
3 – 10 July 2011
INTERNATIONAL SCHOOL OF ATOMIC AND MOLECULAR SPECTROSCOPY
 Director: B. DI BARTOLO
 28th Course: Nanophotonics
 Director: B. DI BARTOLO
 3 – 18 July 2011

INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS
 Directors: A.N. CHESTER – S. MARTELLUCCI
 50th Course: Atoms and plasmas in super-intense laser fields
 Directors: D. BATANI – C. JOACHAIN
 14 – 24 July 2011

INTERNATIONAL SCHOOL ON FUSION REACTORS TECHNOLOGY
 Directors: D. PALUMBO – S. MARTELLUCCI
 13th Course: Plasma wall interaction in fusion devices: Physics and technology
 Directors: A. PIZZUTO – G. MADDALUNO
 17 – 24 July 2011

INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
 Director: G. BENEDEK
 52nd Course: Quantum phenomena in graphene, other low-dimensional materials, and optical lattices
 Directors: V. FALKO – M. INGUSCIO – V. PELLEGRINI – M. POLINI
 26 July – 3 August 2011

INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
 Director: G. BENEDEK
 53rd Workshop: Quantum phenomena in graphene, other low-dimensional materials, and optical lattices
 Directors: V. FALKO – M. INGUSCIO – V. PELLEGRINI – M. POLINI
 3 – 7 August 2011

INTERNATIONAL SCHOOL ON MIND, BRAIN AND EDUCATION
 Directors: A.M. BATTRO – K.W. FISCHER
 6th Course: Education in the digital era
 Directors: A.M. BATTRO – K.W. FISCHER
 3 – 7 August 2011

ERICE INTERNATIONAL SEMINARS ON PLANETARY EMERGENCIES – Chairman: A. ZICHICHI
 44th Session – Co-Chairman: T.D. LEE
 19 – 24 August 2011

INTERNATIONAL SCHOOL OF MEDICAL SCIENCES
 144th Course: Geriatric Oncology and Hemathology 2011: update and perspectives
 Director: I. CARRECA
 26 August – 3 September 2011

INTERNATIONAL SCHOOL OF ASTROPHYSICS “F. LUCCHIN”
 Director: R. BUONANNO
 Course on Transition from low-mass stars to giant planets and galactic bulges
 Directors: G. BONO – M. ZOCCALI
 4 – 11 September 2011
INTERNATIONAL SCHOOL OF GEOPHYSICS
Director: E. BOSCHI
36th Workshop: Volcano observatory best practices workshop: Eruption forecasting
11 – 15 September 2011

INTERNATIONAL SCHOOL OF NUCLEAR PHYSICS
Directors: A. FAESSLER – J. WAMBACH
33rd Course: From quarks and gluons to hadrons and nuclei
Directors: A. FAESSLER – J. WAMBACH
16 – 24 September 2011

INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»
Director: F. GIANNESI
56th Workshop: Graph Theory, Algorithms and Applications
25 September – 3 October 2011

INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»
Director: F. GIANNESI
57th Workshop: Mathematical oncology: New challenges for systems biomedicine
25 September – 1 October 2011

INTERNATIONAL SCHOOL OF GEOPHYSICS
Director: E. BOSCHI
37th Workshop: The Earth expansion evidence – a challenge for Geology, Geophysics and Astronomy
Directors: S. CWOJDZINSKJ – G. SCALERA
4 – 9 October 2011

INTERNATIONAL SCHOOL OF IUS COMMUNE
Directors: M. BELLOMO – O. CONDORELLI – K. PENNINGTON
31st Course: The formation and crisis of the great systems of law: The legacy of the Romano-canonical ius commune
Director: A. ROMANO
6 – 12 October 2011

INTERNATIONAL WORKSHOP ON CRITICAL STABILITY OF QUANTUM FEW-BODY SYSTEMS
Directors: A. MARTIN – J.-M. RICHARD
2nd Workshop: Dynamics and structure of critically stable quantum few-body systems
Directors: A. JENSEN – A. KIEVSKY – J.-M. RICHARD
9 – 15 October 2011

INTERNATIONAL SCHOOL OF MEDICAL SCIENCES
145th Course: Arrhythmia
Directors: C. PUNTRELLINO – S. IACOPINO
13 – 15 October 2011

INTERNATIONAL SCHOOL OF ETHOLOGY
Directors: D. MAINARDI – S. PARMIGIANI
26th Workshop: The obese species: Clinical and preclinical understanding of eating and energy balance disorders
Directors: A. BARTOLOMUCCI – S. PARMIGIANI – J. RODGERS – A. VIDAL-PUIG
21 – 26 October 2011
● ADVANCED WORKSHOP OF SPORTS MEDICINE «VINCENZO BAIAMONTE»
5th Workshop: Sport-therapy in chronic diseases
Director: F.P. SIELI
27 – 31 October 2011

● INTERNATIONAL SCHOOL OF ETHOLOGY
Directors: D. MAINARDI – S. PARMIGIANI
27th Workshop: Conceptual issues in stress research
Directors: J. KOOLHAAS – E. FUCHS – A. SGOIFO
1 – 7 November 2011

● INTERNATIONAL SCHOOL ON COMPLEXITY – Director: A. ZICHICHI
14th Course: Nonlinear optics and complexity in photonic crystal fibers and nanostructures
Directors: F. BIANCALANA – C. CONTI – P.St.J. RUSSEL
8 – 13 November 2011

● INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
Director: G. BENEDEK
54th Workshop: Nanophotonics for energy efficiency
8 – 13 November 2011

● CONSULTA PERMANENTE DELLA SOCIETÀ ITALIANA DI CARDIOLOGIA
2nd Course – Chairman: S. NOVO
14 – 16 November 2011

● INTERNATIONAL SCHOOL OF DERMATOLOGY
Directors: G. BURG – B. GIANNOTTI
5th Course: Old and new STDs: A multidisciplinary approach
Directors: L. ZICHICHI – G. ZUCCATI
17 – 20 November 2011

● INTERNATIONAL SCHOOL OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D’ALESSANDRO»
Directors: G.M. FARA – G. GIAMMANCO
40th Course
Directors: M.T. MONTAGNA – A.L. CARDUCCI
21 – 25 November 2011

● INTERNATIONAL SCHOOL OF MEDICAL SCIENCES
146th Course: Neuroepidemiology: Methods and clinical applications
Directors: W.A. ROCCA – G. ŠAVETTIERI
26 November – 2 December 2011

● INFN ELOISATRON PROJECT
Director: A. ZICHICHI
54th Workshop – Director: W.A. BARLETTA
30 November – 5 December 2011

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