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.

- **EUROPEAN STRATEGY GROUP**
  21 – 26 January 2013

- **INTERNATIONAL SCHOOL ON GENOMICS – INTERNATIONAL COURSE ON COMPUTATIONAL PHYLOGENETICS AND PHYLOGENOMICS**
  Chairmen: J. McInerney – D. Pisani
  10 – 17 March 2013

- **INTERNATIONAL SCHOOL OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D’ALESSANDRO»**
  Directors: G.M. Fara – G. Giannamico
  43rd Course: *To have or to have not: Inequalities in health and actions to oppose them*
  Director: G. Costa
  10 – 14 April 2013

- **INTERNATIONAL SCHOOL OF UROLOGY AND NEPHROLOGY**
  Director: M. Pavone-Macaluso
  14th Course: *Prostate cancer: From molecular and cellular biology to therapeutic advancement*
  Directors: G. Conti – G. Sica
  16 – 21 April 2013

- **NATIONAL MEETING ON LAWERS AND JUDGES WORKING TOWARD A COMMON ETHICAL CODE**
  18 – 21 April 2013

- **INTERNATIONAL SCHOOL OF MEDICAL SCIENCES**
  147th Course: *Geriatric oncology, update and future perspectives*
  Director: I. Carreca
  20 – 22 April 2013

- **INTERNATIONAL SCHOOL OF DETECTOR TECHNOLOGY «TOM YPSILANTIS»**
  Director: C. Williams
  2nd Course: *Superconductivity for accelerators*
  Directors: R. Bailey – L. Rossi
  24 April – 4 May 2013

- **INTERNATIONAL SCHOOL ON FUSION REACTORS TECHNOLOGY**
  Director: S. Martellucci
  14th Course: *Neutronics of fusion reactors: Design technology and diagnostics*
  Directors: M. Angelone – A. Pizzuto
  6 – 13 May 2013
INTERNATIONAL SCHOOL OF CARDIAC SURGERY  
Director: U.F. TESLER  
5th Course: Innovations in cardiovascular surgery and how to make them safe  
Directors: J. PEPPER – U.F. TESLER – M.I. TURINA  
12 – 17 May 2013

INTERNATIONAL SCHOOL OF GEOPHYSICS  
Director: E. BOSCHI  
40th Workshop: Properties and processes of crustal fault zones  
Directors: Y. BEN-ZION – A. ROVELLI  
18 – 24 May 2013

INTERNATIONAL SCHOOL OF SCIENTIFIC JOURNALISM AND COMMUNICATION  
Director: E. IAROCCI  
4th Course: Cognitive neuroscience: the frontier of knowing ourselves  
Directors: U. DOSSELLI – F. TURONE  
25 – 29 May 2013

INTERNATIONAL SCHOOL OF CRYSTALLOGRAPHY  
Director: T.L. BLUNDELL  
46th Course: The future of dynamic structural science  
30 May – 8 June 2013

INTERNATIONAL SCHOOL OF BIOLOGICAL MAGNETIC RESONANCE  
Directors: O. JARDETZKY – J.D. PUGLISI  
12th Course: Future of biophysics  
Director: J.D. PUGLISI  
9 – 19 June 2013

INTERNATIONAL SCHOOL OF MATHEMATICS «G. STAMPACCHIA»  
Director: F. GIANNESSI  
59th Workshop: Nonlinear optimization: A bridge from theory to applications  
Director: G. DI PILLO  
10 – 17 June 2013

INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS  
Director: G. BENEDEK  
58th Workshop: Carbon topology  
Directors: G. BENEDEK – M. DIUDEA – O. ORI – M.V. PUTZ  
17 – 22 June 2013

INTERNATIONAL SCHOOL OF SUBNUCLEAR PHYSICS  
Director: A. ZICHICHI  
51st Course: Reflections on the next step for LHC  
Directors: G. 't HOOFT – A. ZICHICHI  
24 June – 3 July 2013

INTERNATIONAL SCHOOL OF ATOMIC AND MOLECULAR SPECTROSCOPY  
Director: B. DI BARTOLO  
30th Course: Nano-structures for optics and photonics  
Director: B. DI BARTOLO  
4 – 19 July 2013

INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS  
Director: G. BENEDEK  
59th Course: Majorana physics in condensed matter  
12 – 18 July 2013
INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS
Directors: A.N. CHESTER – S. MARTELLUCCI
54th Course: Atoms and plasmas in super-intense laser fields
Directors: D. BATANI – C. JOACHAIN
21 – 31 July 2013

INTERNATIONAL SCHOOL ON MIND, BRAIN AND EDUCATION
Directors: A.M. BATTRO – K.W. FISCHER
8th Course: Science education in the digital era
Directors: A.M. BATTRO – K.W. FISCHER – D. GOLOMBEK
30 July – 4 August 2013

ERICE INTERNATIONAL SEMINARS ON PLANETARY EMERGENCIES – Chairman: A. ZICCHI
46th Session – Co-Chairman: T.D. LEE
19 – 24 August 2013

INTERNATIONAL SCHOOL OF GEOPHYSICS
Director: E. BOSCHI
41st Course: A roadmap for earth science in Europe
Directors: S. CLOETINGH – M. COCCO – J. LUDDEN – T. VAN ECK
26 August – 5 September 2013

INTERNATIONAL SCHOOL OF MATHEMATICS «G. STAMPACCHIA»
Director: F. GIANNELLI
60th Workshop: Stochastic methods in game theory
Directors: D. BAUSO – M. SCARSINI – E. SHMAYA – T. TOMALA
6 – 15 September 2013

INTERNATIONAL SCHOOL OF NUCLEAR PHYSICS
Directors: A. FAESSLER – J. WAMBACH
35th Course: Neutrino physics. Present and future
Directors: A. FAESSLER – J. WAMBACH
16 – 24 September 2013

INTERNATIONAL SCHOOL OF MEDICAL SCIENCES
148th Course: Cancer prevention
Directors: B. AGOSTARA – G. CARRUBA – L. MASSIMO
30 September – 5 October 2013

INTERNATIONAL SCHOOL OF IUS COMMUNE
Directors: M. BELLOMO – O. CONDORELLI – K. PENNINGTON
33rd Course: Social crisis and science of law in medieval and modern world
Director: A. PADOVANI
5 – 11 October 2013

INTERNATIONAL SCHOOL OF STATISTICAL PHYSICS
Directors: P. HÄNGGI – F. MARCHESONI
2nd Course: Noise assisted quantum computing
Directors: S. MANCINI – A. WINTER
6 – 12 October 2013

INTERNATIONAL SCHOOL OF PHARMACOLOGY
Directors: L. RAUSA – G.P. VELO
79th Workshop: Interventions to slow aging in humans: Are we ready?
8 – 13 October 2013
INTERNATIONAL SCHOOL OF ETHOLOGY
Directors: D. MAINARDI – S. PARMIGIANI
30th Workshop: Cetacean echolocation and outer space neutrinos: Ethology and physics for an interdisciplinary approach to underwater bioacoustics and astrophysical particles detection
Directors: W.A. BARLETTA – G. PAVAN – G. RICCOBENE – P. TYACK
17 – 22 October 2013

ADVANCED WORKSHOP OF SPORTS MEDICINE «VINCENZO BAIAMONTE»
7th Workshop: Sport for all
Director: F.P. SIELI
23 – 26 October 2013

INTERNATIONAL SCHOOL OF ETHOLOGY
Directors: D. MAINARDI – S. PARMIGIANI
31st Workshop: Ungulate management in the world with an European perspective
Directors: R. ANDERSEN – M. APOLLONIO – R. PUTMAN
27 October – 1 November 2013

INTERNATIONAL SCHOOL OF GEOPHYSICS
Director: E. BOSCHI
42nd Workshop: Volcano observatory best practice: Communicating hazards
Directors: J. EICHELBERGER – S. LOUGHLIN – C. MANDEVILLE – P. PAPALE
2 – 6 November 2013

CONSULTA PERMANENTE DELLA SOCIETÀ ITALIANA DI CARDIOLOGIA
4th Course: Progress in cardiovascular research
Chairman: S. NOVO
6 – 8 November 2013

INTERNATIONAL SCHOOL OF DERMATOLOGY
Directors: G. BURG – B. GIANNOTTI
7th Course: The “joint” venture between external and internal medicine: Cross talk among dermatology, rheumatology and gastroenterology
Directors: N. PIMPINELLI – L. ZICHICHI
7 – 10 November 2013

INFN ELOISATRON PROJECT
Director: A. ZICHICHI
56th Course: A new era for science with coherent X-ray FELs
Directors: W.A. BARLETTA – F. PARMIGIANI
11 – 18 November 2013

INTERNATIONAL SCHOOL OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D’ALESSANDRO»
Directors: G.M. FARA – G. GIAMMANCO
44th Course: Cancer prevention. Scientific background and operative applications
Directors: S. CINQUETTI – S. DE FLORA
26 November – 1 December 2013

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