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 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 OF MEDICAL SCIENCES**  
153rd Course: Neuroepidemiology: methods and clinical applications  
Directors: M. D’AMELIO – P. RAGONESE – W.A. ROCCA – G. SAVETTIERI  
3 – 9 March 2017

**CONFERENCE ON THE NEW FINANCIAL STATEMENT AS A BUSINESS COMMUNICATION TOOL**  
Chairman: G. VIVIANO  
7 March 2017

**INTERNATIONAL SCHOOL OF PARTICLE ACCELERATORS «KJELL JOHNSEN, GUSTAV VOSS AND EDMUND WILSON»**  
Director: T.M. TAYLOR  
3rd Course: Beam injection, extraction and transfer  
Directors: R. BAILEY – B. HOLZER  
10 – 19 March 2017

**INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS**  
Directors: A.N. CHESTER – S. MARTELLUCCI  
59th Course: The frontiers of attosecond and ultrafast X-ray science  
Directors: L. DI MAURO – A. DOMARACKA – M. NISOLI  
19 – 28 March 2017

**INTERNATIONAL SCHOOL OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D’ALESSANDRO»**  
Directors: G.M. FARA – G. GIAMMANCO – M. SZKLO  
50th Course: Urban health  
Directors: D. D’ALESSANDRO – S. CAPOLONGO  
29 March – 2 April 2017

**INTERNATIONAL SCHOOL OF NANOMEDICINE**  
Directors: M. FERRARI – M. MASERINI  
2nd Course: New trends in nanomedicine  
Directors: M. FERRARI – M. MASERINI  
8 – 13 April 2017

**INTERNATIONAL SCHOOL OF CARDIAC SURGERY**  
Director: U.F. TESLER  
7th Course: Imaging and the heart  
9 – 14 April 2017

**INFN ELOISATRON PROJECT**  
Director: A. ZICHICHI  
59th Workshop: High power cyclotrons for neutrino physics  
Director: W.A. BARLETTA  
19 – 25 April 2017

**INTERNATIONAL SCHOOL ON FUSION REACTOR TECHNOLOGY**  
Director: S. MARTELLUCCI  
16th Course: Diagnostics and technology developments in view of iter and demo  
Director: D. MAZON  
28 April – 4 May 2017
INTERNATIONAL SCHOOL OF MATHEMATICS «G. STAMPACCHIA»
Directors: F. GIANNESI – M. THÉRA
67th Course: Stochastic methods in game theory
Directors: J. RENAUT – M. SCARSINI – R. SMORODINSKY
5 – 13 May 2017

INTERNATIONAL SCHOOL OF MATHEMATICS «G. STAMPACCHIA»
Directors: F. GIANNESI – M. THÉRA
68th Course: Graph theory, algorithms and applications
5 – 13 May 2017

INTERNATIONAL SCHOOL OF BIOPHYSICS «ANTONIO BORSELLINO»
44th Course: Biophysics of channels and transporters
Directors: A. ACCARDI – M. PUSCH – P. TAMMARO
14 – 20 May 2017

INTERNATIONAL SCHOOL OF BIOLOGICAL MAGNETIC RESONANCE
Director: J.D. PUGLISI
15th Course: Biophysics and molecular structure
Directors: J.D. PUGLISI – E. VIANI PUGLISI
20 – 28 May 2017

INTERNATIONAL SCHOOL OF STATISTICAL PHYSICS
Directors: P. HÀNGGI – F. MARCHESONI
11th Course: Frontiers in water biophysics
Directors: A. CESARO – L. COMEZ – G. FRANZESE
22 – 28 May 2017

7th CONFERENCE ON CENTRO FERMI PROJECTS – THE EEE PROJECT – SCIENCE IN THE HEART OF THE YOUNG
Directors: L. CIFARELLI – A. ZICHICHI
29 – 31 May 2017

INTERNATIONAL SCHOOL OF CRYSTALLOGRAPHY
Director: T.L. BLUNDELL
50th Course: Integrative structural biology
Directors: J.L. MARTIN – E. YVONNE JONES
2 – 11 June 2017

INTERNATIONAL SCHOOL OF SUBNUCLEAR PHYSICS
Director: A. ZICHICHI
55th Course: Highlights from LHC and the other frontiers of physics
Directors: G. ‘t HOOFT – A. ZICHICHI
14 – 23 June 2017

INTERNATIONAL SCHOOL OF NEUROSCIENCES «SIR JOHN ECCLES»
Directors: P.F. FERRARI – G. RIZZOLATTI
6th Course: Different elements of primate neural networks in the connectome era
Directors: E. BORRA – K. ROCKLAND
26 – 30 June 2017

INTERNATIONAL SCHOOL OF NEUTRON SCIENCE AND INSTRUMENTATION
4th Course: Neutron precession techniques
Directors: P. FALUS – K. HABICHT
30 June – 9 July 2017

INTERNATIONAL SCHOOL OF SCIENTIFIC JOURNALISM AND COMMUNICATION
Director: E. IAROCCI
8th Course: Unveiling the universe: When science hits the news
Directors: P. CAMPANA – C. DI GIORGIO
1 – 6 July 2017

INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS
Directors: A.N. CHESTER – S. MARTELLUCCI
60th Course: Laser-driven sources of high energy particles and radiation
Directors: R.W. ASSMAN – L.A. GIZZI
9 – 19 July 2017
INTERNATIONAL SCHOOL OF LIQUID CRYSTALS
Director: C. ZANNONI
23rd Course: Liquid crystal modelling and simulations: A comprehensive approach
Directors: P. BISCARI – A. DI CARLO – P. PASINI – C. ZANNONI
13 – 19 July 2017

INTERNATIONAL SCHOOL OF ATOMIC AND MOLECULAR SPECTROSCOPY
Director: B. DI BARTOLO
35th Course: Quantum nano-photonics
Directors: B. DI BARTOLO – S. GAPONENKO
20 July – 4 August 2017

INTERNATIONAL SCHOOL OF STATISTICAL PHYSICS
Directors: P. HÄNGGI – F. MARCHESONI
12th Course: X-UV Time resolved spectroscopy and ab-initio methods
Directors: M. CORENO – R. GUNNELLA
22 – 28 July 2017

INTERNATIONAL SCHOOL OF STATISTICAL PHYSICS
Directors: P. HÄNGGI – F. MARCHESONI
13th Course: Model theory of modules, algebras and categories
Directors: A. FACCHINI – S. L’INNOCENTE – M. TRESSL
28 July – 2 August 2017

INTERNATIONAL SEMINARS ON PLANETARY EMERGENCIES
Chairman: A. ZICHICHI
50th Session – Co-Chairman: T.D. LEE
18 – 24 August 2017

INTERNATIONAL SCHOOL OF SCIENCE EDUCATION
Director: P. LÉNA
1st Course: Climate change: A challenge for science education
Directors: P. LÉNA – E. PASQUINELLI
1 – 7 September 2017

INTERNATIONAL SCHOOL OF MIND, BRAIN AND EDUCATION
Directors: A.M. BATTRO – K.W. FISCHER
12th Course: Neuroscience and poverty
Directors: A.M. BATTRO – S. LIPINA
1 – 7 September 2017

INTERNATIONAL SCHOOL OF NUCLEAR PHYSICS
Directors: M. BUBALLA – A. FAESSLER – J. WAMBACH
39th Course: Neutrinos in cosmology, in astro, in particle and in nuclear physics
Directors: M. BUBALLA – A. FAESSLER – J. WAMBACH
16 – 24 September 2017

INTERNATIONAL SCHOOL OF PHARMACOLOGY
Directors: P. MINUZ – G.P. VELO
85th Workshop: Adventures in the lipidome
26 – 30 September 2017

INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS
Directors: A.N. CHESTER – S. MARTELLOCCI
61st Course: Hypersonic meteoroid entry physics
Directors: M. CAPITELLI – G. COLONNA – A. LARICCHIUTA
3 – 8 October 2017

INTERNATIONAL SCHOOL OF CARDIOLOGY
Directors: A. BRANZI – F. FEDELE
19th Workshop: Echocardiography
Directors: F. FEDELE – S. NOVO
9 – 12 October 2017

ADVANCED WORKSHOP OF SPORTS MEDICINE «VINCENZO BAIAMONTE»
11th Workshop: Grow up healthy with sport
Director: F.P. SIELI
12 – 15 October 2017
INTERNATIONAL SCHOOL OF IUS COMMUNE
Directors: M. BELLOMO – O. CONDORELLI – K. PENNINGTON
37th Course: Migrations, Law and Religions in Medieval and Modern Ages
Directors: O. CONDORELLI – F. MARTINO
12 – 16 October 2017

INTERNATIONAL SCHOOL OF NEUROSCIENCES «SIR JOHN ECCLES»
Directors: P.F. FERRARI – G. RIZZOLATTI
7th Workshop: From activity to interactivity: Harnessing early adaptive neuroplasticity for intervention in atypical development
17 – 22 October 2017

INTERNATIONAL SCHOOL OF UROLOGY AND NEPHROLOGY
Director: C. PAVONE
18th Course
Directors: G. CONTI – G. SICA
23 – 27 October 2017

INTERNATIONAL SCHOOL OF STATISTICAL PHYSICS
Directors: P. HÄNGGI – F. MARCHESONI
14th Course
Director: F. MARCHESONI
28 October – 3 November 2017

INTERNATIONAL SCHOOL OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D’ALESSANDRO»
Directors: G.M. FARA – G. GIAMMANCO – M. SZKLO
51st Course: Literacy, emotions and evidence: three elements for an effective communication in public health
Directors: L.R. BIASIO – A. CARDUCCI – P.L. LOPALCO
3 – 9 November 2017

INTERNATIONAL SCHOOL OF ETHOLOGY «DÁNILO MAINARDI»
Director: S. PARMIGIANI
41st Course: Theory and methods for observing and measuring dog’s social behaviour
Directors: S. PARMIGIANI – E. PRATO PREVIDE – P. VALSECCHI
11 – 16 November 2017

INTERNATIONAL SCHOOL OF MEDICAL SCIENCES
Directors: A. ZICHICHI – I. CARRECA
154th Course: Oncology and Geriatry: From bench to bedside
24 – 26 November 2017

INTERNATIONAL SCHOOL OF BRAIN CELLS AND CIRCUITS «CAMILLO GOLGI»
Directors: E. D’ANGELO – C. GANDINI WHEELER-KINGSHOTT
3rd Course: From cell physiology to integrated brain signals and emerging brain functions
Directors: E. D’ANGELO – C. GANDINI WHEELER-KINGSHOTT
29 November – 3 December 2017

8th CONFERENCE ON CENTRO FERMI PROJECTS – THE EEE PROJECT – SCIENCE IN THE HEART OF THE YOUNG
Directors: L. CIFARELLI – A. ZICHICHI
6 – 8 December 2017

INTERNATIONAL SCHOOL OF THORACIC MEDICINE
16th Course: Interstitial lung diseases
Director: C. VANCHERI
9 – 14 December 2017

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