SUMMARY

OF THE 2009 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 EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D’ALESSANDRO»
Directors: G.M. FARA – G. GIAMMANCO
37th Course: To Manage the Hospital
Directors: D. D’ALESSANDRO – G.M. FARA
18 – 23 April 2009

INTERNATIONAL SCHOOL ON HADRON THERAPY «EDWIN McMILLAN»
1st Workshop: Hadron Beam Therapy of Cancer
Directors: A.M. Sessler – V.G. Vaccaro
24 April – 1 May 2009

INTERNATIONAL SCHOOL OF GEOPHYSICS
Director: E. Boschi
32nd Workshop: Real-Time Seismonalogy: Rapid Characterization of the Earthquake Source and of its effects
Directors: A. Michelini – G. Selvaggi
2 – 8 May 2009

INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»
Director: F. Giannessi
51st Workshop: Variational Analysis and Applications
Directors: L. Ambrosio – L. Caffarelli – A. Maugeri
9 – 17 May 2009

INTERNATIONAL SCHOOL OF RADIATION DAMAGE AND PROTECTION
11th Course: Operational Radiation Protection for Accelerators in Research and Medicine
Directors: L. Ulrici – S.H. Rokni
12 – 21 May 2009

INTERNATIONAL SCHOOL OF CARDIAC SURGERY
Director: U.F. Tesler
3rd Course: Emergency in Cardiovascular Surgery: An Integrated Approach
18 – 23 May 2009

INTERNATIONAL SCHOOL ON MAGNETIC RESONANCE AND BRAIN FUNCTION
Director: B. Maraviglia
7th Workshop: Brain Function Investigation by Magnetic Resonance, Electrophysiology, and Molecular Imaging
Directors: F. GIOVE – B. MARAVIGLIA
24 – 31 May 2009
INTERNATIONAL SEMINARS ON PLANETARY EMERGENCIES
Chairman: A. ZICHICHI – Co-Chairman: T.D. LEE
41st Session: Water, Energy and Sustainable Environment for Peoples of the Middle East
Co-Chairman: J. ALDERDICE
28 May – 1 June 2009

INTERNATIONAL SCHOOL OF ETHOLOGY
Director: D. MAINARDI
25th Course: The Primate Mind: Built to Connect With Other Minds
Directors: F.B.M. DE WAAL – P.F. FERRARI
3 – 8 June 2009

INTERNATIONAL SCHOOL OF CRYSTALLOGRAPHY – Director: T.L. BLUNDELL
41st Course: High-Pressure Crystallography: From Novel Experimental Approaches to Cutting-Edge Technologies
Directors: E. BOLDYREVA – P. DERA
4 – 14 June 2009

INTERNATIONAL SCHOOL OF BIOLOGICAL MAGNETIC RESONANCE
Directors: O. JARDETZKY – J.D. PUGLISI
9th Course: Biophysics and Structure to Counter Threats and Challenges
Director: A. ARSIEV – J.D. PUGLISI
22 June – 3 July 2009

INTERNATIONAL SCHOOL OF ATOMIC AND MOLECULAR SPECTROSCOPY
Director: B. DI BARTOLO
26th Course: Bio-Photonics: Spectroscopy, Imaging, Sensing and Manipulation
Directors: B. DI BARTOLO – A. VOITOY
2 – 17 July 2009

INTERNATIONAL SCHOOL OF PHARMACOLOGY
Directors: L. RAUSA – G.P. VELO
74th Workshop: Drug Risk Communication
Directors: R. ÉDWARDS – P. RIZZINI – G.P. VELO
3 – 8 July 2009

INTERNATIONAL SCHOOL OF SCIENTIFIC JOURNALISM AND COMMUNICATION
Director: E. IAROCCI
1st Course: Communicating Energy
Directors: B. GALLAVOTTI – E. IAROCCI
5 – 9 July 2009

INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS
Directors: A.N. CHESTER – S. MARTELLUCCI
46th Course: Atoms and Plasmas in Super Intense Laser Fields
Directors: D. BATANI – C. JOACHAIM
10 – 17 July 2009

INTERNATIONAL SCHOOL ON COMPLEXITY – Director: A. ZICHICHI
11th Course: Grains Friction and Faults
Directors: C. MARONE – A. PETRI
19 – 26 July 2009

INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
Director: G. BENEDEK
46th Workshop: Materials Physics for Archeometry
Director: G. BENEDEK
23 – 27 July 2009
INTERNATIONAL SCHOOL OF MEDICAL SCIENCES
139th Course: Recent Advances in Perinatal Medicine -14
Director: R. DI IORIO
29 July – 2 August 2009

INTERNATIONAL SCHOOL ON MIND, BRAIN AND EDUCATION
Directors: A.M. BATTRO – K.W. FISCHER
4th Course: Educational, Neurosciences and Ethics
Directors: A.M. BATTRO – B. DELLA CHIESA – H. KOIZUMI
1 – 5 August 2009

ERICE INTERNATIONAL SEMINARS ON PLANETARY EMERGENCIES – Chairman: A. ZICHICHI
42nd Session – Co-Chairman: T.D. LEE
19 – 24 August 2009

INTERNATIONAL SCHOOL OF SUBNUCLEAR PHYSICS – Director: A. ZICHICHI
47th Course: The Most Unexpected at LHC and the Status of High Energy Frontier
Directors: G. ’t HOOFT – A. ZICHICHI
29 August – 7 September 2009

INFN ELOISATRON PROJECT
Director: A. ZICHICHI
52nd Course: An upgraded LHC Scenario – IV
Director: L. CIFARELLI
29 August – 7 September 2009

INTERNATIONAL SCHOOL ON FUSION REACTORS TECHNOLOGY
Directors: D. PALUMBO – S. MARTELLUCCI
12th Course: Superconducting Magnets: Case Studies
Directors: A. DELLA CORTE – A. PIZZUTO
8 – 16 September 2009

INTERNATIONAL SCHOOL OF NUCLEAR PHYSICS – Directors: A. FAESSLER – J. WAMBACH
31st Course: Neutrinos in Cosmology, in Astro-Particle and Nuclear Physics
Directors: A. FAESSLER – J. WAMBACH
16 – 24 September 2009

INTERNATIONAL SCHOOL OF LIQUID CRYSTALS
Director: C. ZANNONI
16th Workshop: 13th Topical Meeting on the Optics of Liquid Crystals
Directors: G. ABBATE – G. CIPPARRONE – P. PASINI
27 September – 3 October 2009

INTERNATIONAL SCHOOL ON COMPLEXITY – Director: A. ZICHICHI
12th Course: Complex Phenomena in Nonlinear Physics
Directors: C. CONTI – A. D’ANDREA
3 – 7 October 2009

GIORNATE INTERNAZIONALI DI STUDI SULL’AREA ELIMA «GIUSEPPE NENCI»
Director: C. AMPOLO
Settime Giornate Internazionali di Studi sull’Area Elima e la Sicilia Occidentale nel Contesto Mediterraneo
Director: C. AMPOLO
11 – 15 October 2009
INTERNATIONAL WORKSHOP ON TOWARD A 3RD GENERATION GRAVITATIONAL WAVE DETECTOR
Director: M. PUNTURO
14 – 16 October 2009

INTERNATIONAL SCHOOL OF IUS COMMUNE
Directors: M. BELLOMO – O. CONDORELLI – K. PENNINGTON
29th Course: Local Legal Systems in Medieval and Modern Europe: Perspectives of Interpretation
Director: E. MONTANOS FERRIN
16 – 22 October 2009

INTERNATIONAL SCHOOL ON COMPLEXITY – Director: A. ZICHICHI
13rd Course: Econophysics Colloquium
25 October – 1 November 2009

INTERNATIONAL SCHOOL OF CARDIOLOGY – Director: F. FEDELE
11th Course: E-Cardiologia Conference del Mediterraneo II Edition
Director: F. FEDELE
1 – 3 November 2009

INTERNATIONAL SCHOOL OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D’ALESSANDRO»
Directors: G.M. FARA – G. GIAMMANCO
38th Course
6 – 11 November 2009

ADVANCED WORKSHOP OF SPORTS MEDICINE «VINCENZO BIAIAMONTE»
3rd Workshop: Hearth Lung, Metabolism and Sport
Director: F.P. SIELI
12 – 15 November 2009

INTERNATIONAL SCHOOL OF DERMATOLOGY
Directors: G. BURG – B. GIANNOTTI
3rd Course: Non-Melanoma Skin Cancer: Facts and Trends
Directors: N. PIMPINELLI – L. ZICHICHI
17 – 20 November 2009

INTERNATIONAL SCHOOL OF MEDICAL SCIENCES
138th Course
Director: I. CARRECA
25 – 30 November 2009

INTERNATIONAL SCHOOL ON NEURAL NETS «EDUARDO R. CAIANIELLO»
Directors: M.I. JORDAN – M. MARINARO
7th Course: The Puzzle of Granular Computing
Directors: B. APOLLONI – W. PEDRYCZ
6 – 13 December 2009

INTERNATIONAL SCHOOL OF GEOPHYSICS
Director: E. BOSCHI
33rd Course
Director: F. FLORINDO
12 – 18 December 2009

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