

«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 2008 COURSES — ERICE



All Courses are sponsored by the World Federation of Scientists (WFS), the Sicilian Regional Government (ERS), the Italian Ministry of University and Research and the Galileo Galilei Foundation (GGF). Some of the Courses are under the sponsorship of: 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 ON BIOELECTROMAGNETISM «ALESSANDRO CHIABRERA»

Director: F. BERSANI

4th Course: *Electromagnetic Fields and Epidemiology*

Directors: S. LAGORIO – J. SCHÜZ

26 March – 2 April 2008

● INTERNATIONAL WORKSHOP ON CORPORATE FINANCE AND FINANCIAL SYSTEMS

Director: E.C. PEROTTI

2 – 5 April 2008

● INTERNATIONAL SCHOOL OF UROLOGY AND NEPHROLOGY

Director: M. PAVONE-MACALUSO

12nd Course: *Advances in Urological Oncology. "Focus on Bladder Tumours"*

Directors: G. MARTORANA – G. SICA

7 – 11 April 2008

● INTERNATIONAL SCHOOL ON COMPLEXITY – Director: A. ZICHICHI

Co-Directors: G. BENEDEK – M. GELL-MANN – L. PIETRONERO – C. TSALLIS

9th Course: *Emergence in Physical and Biological Systems*

Director: P.L. LUISI

12 – 16 April 2008

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

Directors: G.M. FARA – G. GIAMMANCO – M. SZKLO

35th Course: *Globalization and Inequalities in Health*

Directors: S. CIRIMINNA – N. COMODO – G. MACIOCCO

14 – 18 April 2008

● INTERNATIONAL SCHOOL OF BIOPHYSICS «ANTONIO BORSELLINO»

38th Course: *Multidimensional Optical Fluorescence Microscopy Towards Nanoscopy*

Directors: A. DIASPRO – V. TORRE

19 – 29 April 2008

● INTERNATIONAL SCHOOL OF GEOPHYSICS

Director: E. BOSCHI

31st Workshop: *Modelling Geophysical Systems by Means of Statistical Mechanics Methods*

Directors: V. CARBONE – C. GODANO

27 April – 2 May 2008

● INTERNATIONAL SCHOOL OF MEDICAL SCIENCES

136th Course: *Steroid Enzymes and Cancer*

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

3 – 8 May 2008

● INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»

Director: F. GIANNESI

48th Workshop: *Nonsmooth Analysis, Optimization and Applications*

Directors: M. GAUDIOSO – D. PALLASCHKE

9 – 17 May 2008

● MEETING ON: SPORT E LEGALITÀ - BENI SEQUESTRATI ALLA MAFIA E LORO DESTINAZIONE

Chairman: V. MAIORANA

10 May 2008

● INTERNATIONAL SCHOOL OF BIOPHYSICS «ANTONIO BORSELLINO»

39th Course: *Channels and Transporters*

Directors: L. DE FELICE – B. KANNER

11 – 19 May 2008

● INTERNATIONAL SCHOOL ON MAGNETIC RESONANCE AND BRAIN FUNCTION

Director: B. MARAVIGLIA

6th Workshop: *Brain Function Investigation by Magnetic Resonance, Electrophysiology and Pharmaceutical Probes, in Combination*

Director: B. MARAVIGLIA

18 – 25 May 2008

● INTERNATIONAL SEMINARS ON PLANETARY EMERGENCIES

Chairman: A. ZICHICHI – Co-Chairman: T.D. LEE

39th Session: *Fifth Meeting of the Permanent Monitoring Panel on Terrorism*

Co-Chairmen: J. ALDERDICE – R. GARWIN

26 – 29 May 2008

● INTERNATIONAL SCHOOL OF CRYSTALLOGRAPHY

Director: T.L. BLUNDELL

40th Course: *From Molecules to Medicine: Integrating Crystallography in Drug Discovery*

Directors: N.N. BORKAKOTI – C.R. GROOM – J. SUSSMAN – D. TURK

29 May – 8 June 2008

● INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»

Director: F. GIANNESI

49th Course: *Advances in Set-Theoretic Topology*

Directors: S. DOLECKI – Y. HATTORI – D. SHAKHMATOV – G. TIRONI

9 – 19 June 2008

● INTERNATIONAL SCHOOL OF PHARMACOLOGY

Directors: L. RAUSA – G.P. VELO

73rd Workshop: *Drug Errors*

Directors: J.K. ARONSON – G.P. VELO

20 – 24 June 2008

● INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS

Director: G. BENEDEK

43rd Course: *Epioptics-10*

Directors: A. CRICENTI – T. RASING

20 – 26 June 2008

● INTERNATIONAL SCHOOL OF ATOMIC AND MOLECULAR SPECTROSCOPY

Director: B. DI BARTOLO

25th Workshop: *Advances in Luminescence Spectroscopy*

Director: B. DI BARTOLO

21 – 27 June 2008

● INTERNATIONAL SCHOOL OF PHARMACOLOGY

Directors: L. RAUSA – G.P. VELO

74th Workshop: *Humanization of Therapeutic Care in Oncology: The Involvement of Patients in the Care Management of Cancer Disease*

Directors: G. APOLONE – P. RIZZINI

24 – 27 June 2008

● INTERNATIONAL SCHOOL OF QUANTUM ELECTRONICS

Directors: A.N. CHESTER – S. MARTELLUCCI

45th Course: *Optical Biosensors and Biochips for Clinical Applications*

Director: F. BALDINI

27 June – 4 July 2008

● INTERNATIONAL SCHOOL OF RELATIVISTIC ASTROPHYSICS «JOHN ARCHIBALD WHEELER»

Directors: I. CIUFOLINI – R. MATZNER

2nd Course: *Frontiers in Numerical Gravitational Astrophysics*

Directors: R. CAPUZZO DOLCETTA – R. MATZNER

27 June – 5 July 2008

● INTERNATIONAL SCHOOL OF COSMIC RAY ASTROPHYSICS

Director: M.M. SHAPIRO

16th Course: *Gamma Ray and Cosmic Ray Astrophysics: From Below GeV to Beyond EeV Energies*

Directors: T.S. STANEV – J.P. WEFEL

5 – 12 July 2008

● INTERNATIONAL SCHOOL ON MIND, BRAIN AND EDUCATION

Directors: A.M. BATTRO – K.W. FISCHER

3rd Course: *New Perspectives in Teaching and Learning*

Directors: A.M. BATTRO – K.W. FISCHER

12 – 17 July 2008

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- II EDIZIONE DELLE GIORNATE DI STUDIO – LA SICUREZZA NEGLI AMBIENTI DI LAVORO DELL'INFN
Chairman: F. CELLETTI
17 – 19 July 2008
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- INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
Director: G. BENEDEK
44th Workshop: *Low-Dimensional Dynamical Phenomena and Simulations*
Director: G.P. BRIVIO
20 – 26 July 2008
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- INTERNATIONAL SCHOOL OF SOLID STATE PHYSICS
Director: G. BENEDEK
45th Course: *Stripes in High Temperature Superconductivity*
Director: A. BIANCONI
26 July – 1 August 2008
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- INTERNATIONAL SEMINARS ON PLANETARY EMERGENCIES
Chairman: A. ZICHICHI
40th Session – Co-Chairman: T.D. LEE
19 – 24 August 2008
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- INTERNATIONAL SCHOOL OF SUBNUCLEAR PHYSICS
Director: A. ZICHICHI
46th Course: *Predicted and Totally Unexpected in the Energy Frontier Opened by LHC*
Directors: G. 't HOOFT – A. ZICHICHI
29 August – 7 September 2008
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- INFN ELOISATRON PROJECT
Director: A. ZICHICHI
50th Course: *An upgraded LHC Scenario - III*
Director: L. CIFARELLI
29 August – 7 September 2008
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- INTERNATIONAL SCHOOL OF MATHEMATICS «GUIDO STAMPACCHIA»
Director: F. GIANNESI
50th Workshop: *Graph Theory, Algorithms and Applications*
Directors: R. CERULLI – A. GOLDBERG – G.F. ITALIANO – R.E. TARJAN
8 – 16 September 2008
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- INTERNATIONAL SCHOOL OF NUCLEAR PHYSICS
Directors: A. FAESSLER – J. WAMBACH
30th Course: *Heavy-Ion Collisions from the Coulomb Barrier to the Quark-Gluon Plasma*
Directors: A. FAESSLER – J. WAMBACH
16 – 24 September 2008
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- ADVANCED WORKSHOP OF SPORTS MEDICINE «VINCENZO BAIAMONTE»
2nd Workshop on: *Lung in the Sport*
Directors: A. COGO – F.P. SIELI
25 – 28 September 2008
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- INTERNATIONAL SCHOOL OF CARDIOLOGY – Director: F. FEDELE
10th Course: *E-Cardiology Conference of Mediterranean*
Director: F. FEDELE
29 – 30 September 2008
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- INTERNATIONAL SCHOOL OF IUS COMMUNE
Directors: M. BELLOMO – O. CONDORELLI – K. PENNINGTON
28th Course: *The Philological and Historical Investigation of the Sources and the Categories of Law in the Ius Commune*
Director: E. CONTE
2 – 9 October 2008
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- INTERNATIONAL SCHOOL ON COMPLEXITY – Director: A. ZICHICHI
Co-Directors: G. BENEDEK – M. GELL-MANN – L. PIETRONERO – C. TSALLIS
10th Course: *OECD Global Science Forum Workshop on Complexity*
Chairman: G. BENEDEK
4 - 8 October 2008
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- INTERNATIONAL WORKSHOP ON CRITICAL STABILITY OF QUANTUM FEW-BODY SYSTEMS
Directors: A. MARTIN – J.-M. RICHARD
10 – 18 October 2008
-
- INTERNATIONAL SCHOOL OF EPIDEMIOLOGY AND PREVENTIVE MEDICINE «GIUSEPPE D’ALESSANDRO»
Directors: G.M. FARA – G. GIAMMANCO – M. SZKLO
36th Course: *Risk Management in Public Health*
Directors: W. RICCIARDI – S. CIRIMINNA
22 – 25 October 2008
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- INFN ELOISATRON PROJECT
Director: A. ZICHICHI
51st Course: *Charged and Neutral Particles Channeling Phenomena*
Directors: S.B. DABAGOV – L. PALUMBO
26 October – 1 November 2008
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- INTERNATIONAL SCHOOL OF LIQUID CRYSTALS
Director: C. ZANNONI
15th Course: *Liquid Crystal Phases and Nano-Structures*
Directors: P. PASINI – S. ZUMER
27 October – 1 November 2008
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- ADVANCED COMPUTING AND ANALYSIS TECHNIQUES IN PHYSICS RESEARCH
Chairman: F. CARMINATI
2 – 9 November 2008
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- NATIONAL MEETING ON STROKE
Director: L. SICURELLA
20 – 22 November 2008
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- INTERNATIONAL SCHOOL OF BIOPHYSICS «A. BORSELLINO»
40th Course: *Neuroepidemiology: Methods and Clinical Applications*
Directors: W. ROCCA – G. SAVETTIERI
23 – 29 November 2008
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- INTERNATIONAL SCHOOL OF DERMATOLOGY
Directors: G. BURG – B. GIANNOTTI
2nd Course: *Hot Topics in Melanoma: Update 2008*
Director: N. PIMPINELLI
30 November – 3 December 2008
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**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>**