



Consorzio Interuniversitario
per la Fisica Spaziale



CONSORZIO
AREA DI RICERCA IN
ASTROGEOFISICA



INTERNATIONAL SCHOOL OF SPACE SCIENCE

L'AQUILA - ITALY



SERSES (Series of Events on Relations in the Sun-Earth System and Space Weather)

2008 Course on: Geomagnetism and Ionosphere

L'Aquila, April 7 - 12, 2008

Programme and Lecturers

A. Meloni	INGV, Roma, Italy
D. J. Kerridge	BGS, Edinburgh, UK
M. Manda	GFZ, Potsdam, Germany
L. Sagnotti	INGV, Roma, Italy
R. Lanza	University of Torino, Italy
R. R. B. Von Frese	Ohio State University, USA
A. P. Roberts	NOC, Southampton, UK
D. Schmitt	Max Planck Institute for Solar System Research, Germany
L. J. Lanzerotti	New Jersey Institute of Technology, USA
P. De Michelis	INGV, Roma, Italy
P. G. Palangio	INGV, L'Aquila, Italy
Lj. L. Cander	CCLRC Rutherford Appleton Laboratory, UK
A. Bourdillon	IETR - Université de Rennes I, France
S. Kouris	University of Tessaoniki, Greece
B. Zolesi	INGV, Roma, Italy
A. Belehaki	National Observatory of Athens, Greece
L. Ciralo	IFAC-CNR, Sesto Fiorentino, Italy
E. Zuccheretti	INGV, Roma, Italy
C. Scotto	INGV, Roma, Italy

The Geomagnetic Field
The Observation of the Earth's Magnetic Field
Global Modeling of the Earth's Magnetic Field
Rock and Environmental Magnetism
Paleomagnetism
The Crustal Magnetic Field
Geomagnetic Reversals
The Geomagnetic Dynamo
The Solar Wind and the Formation of the Magnetosphere
The Magnetic Time Variations of External Origin
The L'Aquila Geomagnetic Observatory
The Terrestrial Ionosphere
The Ionospheric Radio Propagation
Ionospheric Climatology and Variability
Ionospheric Prediction and Forecasting
Space Weather and Ionosphere
Top Side Ionosphere and Satellite Applications
Ionospheric Vertical Radio Sounding
Real Time Processing of Ionograms

The Director of the School **U. Villante**

The Directors of the Course **Lj. R. Cander, L. J. Lanzerotti A. Meloni and B. Zolesi**

General Information

The fee of 1000 Euro includes board and lodging at the TILS - "Campus Reiss Romoli", a modern facility located in a nice park in the neighbourhoods of L'Aquila. Persons wishing to attend the course should apply to:

INTERNATIONAL SCHOOL OF SPACE SCIENCE
c/o Dipartimento di Fisica
Università degli Studi dell'Aquila
Via Vetoio, 67010 COPPITO - L'AQUILA (ITALY)
Fax +39 0862 433033
E-mail: SSC@AQUILA.INFN.IT
Web: WWW.CIFS-ISSS.ORG

Applications including a brief curriculum vitae are due before February 29, 2008. Some financial support will be available for a limited number of students. Applications will be evaluated by the Scientific Committee of the International School of Space Science, who will decide also on the financial support. Successful applicants will be notified by e-mail.

E-MAIL ADDRESSES OF THE DIRECTORS OF THE COURSE

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SERSES Program

March 2006
The Physics of the Sun: the Active Sun on your Active Desktop

September 2006
Solar-Terrestrial Physics

April 2007
Magnetospheric Dynamics

September 2007
Turbulence and Waves in Space Plasmas

April 2008
Geomagnetism and Ionosphere

Fall 2008
Solar-Terrestrial Relations in Antarctica



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