

# International School of Cosmic-Ray Astrophysics

## 30<sup>th</sup> Anniversary

### 16<sup>th</sup> Course: ‘Gamma Ray and Cosmic Ray Astrophysics: From below GeV to beyond EeV Energies’

at the Majorana Centre, Erice, Sicily, Italy

5-12 July 2008

#### Topics Include

Gamma Ray Sources  
Results from the AGILE Mission  
Neutrino Astronomy  
New Results from PAMELA  
Diffusive shock acceleration  
Extragalactic Gamma Rays  
Neutrino Detectors, Status and Results  
MILAGRO Results and HAWC  
Extensive Air Showers - Auger  
Cosmic Rays from  $10^{16}$ - $10^{18}$  eV  
VHE Gamma Ray Telescopes  
Energetic Electrons  
Sources of Particle Acceleration  
Retrospective on the ISCRA

#### Speakers Include†

Marco Cassolino  
Martin Israel  
Paolo Lipari  
Vladimir Ptuskin  
Leonidas Resvanis  
Todor Stanev  
Masahiro Teshima  
Alan Watson  
John Wefel  
Gaurang Yodh

†Not all are confirmed

**Director of the School:**  
**M. M. Shapiro**

**Directors for this Course:**  
**J. Wefel and T. Stanev**

Information and Application Procedures are on the website

<http://phacts.phys.LSU.edu/ISCRA/>

or contact the Co-Directors: J. P. Wefel – [wefel@phunds.phys.Lsu.edu](mailto:wefel@phunds.phys.Lsu.edu);

T. Stanev – [stanev@bartol.udel.edu](mailto:stanev@bartol.udel.edu)

Some financial aid (for room & board in Erice) will be available and must be requested and justified by the applicant and/or his/her adviser. Committed cost-sharing by the student's adviser will strengthen the request for assistance. A few senior participants can be accommodated. Send applications to J. P. Wefel via e-mail or fax. Students from all countries are encouraged to apply.