

International School of Cosmic-Ray Astrophysics
<<M.M. Shapiro>>

18th Course: A new Era in Particle Astrophysics"
New Instruments, New Results and New Understanding

Directors: J.P. Wefel, T. Stanev, J. Hörandel
Secretary: Arthur Smith

Friday 6th July 2012

Note: below "Break" denotes break for coffee and discussion and posters

Chair:Stegmann

08:30—09:30	Radio detection of Extensive Air Showers	Hörandel
09:30—10:30	Galactic Environment. Propagation of cosmic rays in the Galaxy	Stanev
10:30—11:00	Break	
11:00—12:00	Earth Occultation Monitoring of the Hard X-ray/Low-Energy Gamma Ray Sky with GBM	Cherry
12:00---13:00	Particle Astrophysics from low to high energy with PAMELA Part 2	Sparvoli
13:00---13:15	Solar modulation of galactic protons with the PAMELA experiment	Formato
13:15---13:30	Short-term variations in cosmic ray proton fluxes from BESS-Polar I	Thakur

Chair:Stanev

15:00—16:00	Recent results from UHECR observatories	Letessier-Selvon
16:00—17:00	Gamma-ray astronomy II - future	Stegmann
17:00—17:30	Break	
17:30—17:45	Impact of irregular stations on the event reconstruction of the Pierre Auger Observatory	Daniel
17:45---18:00	Radio Detection of Cosmic Rays	Huber
18:00---18:45	Detection of cosmic rays with the LOFAR radio telescope	Nelles

All the lectures take place in the Dirac Lecture Hall, San Domenico