

# International School of Cosmic-Ray Astrophysics

<<M.M. Shapiro>>

17<sup>th</sup> Course: Astro & Particle Physics: From Underground to Outer Space

Directors: J.P. Wefel and T. Stanev

Secretary Arthur Smith



Wednesday 14th July 2010

Note: below “Break” denotes break for coffee and discussion

Chair: Weiler

09:00—10:00	<b>Flavours of Cosmic Neutrinos</b>	Smirnov
10:00—11:00	<b>Ice Cube: First Light –part 2</b>	Halzen
11:00—11:30	<b>Break</b>	
11:30—12:30	<b>Forward Physics at the LHC</b>	Ferro

Chair: Halzen

16:00—17:00	<b>Science Highlights from the FERMI Observatory</b>	McEnery
17:00—17:30	<b>Fermi-LAT Observations of Galaxy Clusters</b>	Ali
17:30—18:00	<b>Break</b>	
18:00—19:00	<b>Studies of cosmic ray composition with air shower data</b>	Stanev

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