

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

**20th Course: "Particle, Gamma-ray and Neutrino Astrophysics
in the 21st Century"**

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

Saturday, 6 August 2016

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

Chair: Ghia

09:00—10:00	CTA - towards the VHE gamma-ray observatory	O. Reimer
10:10—10:40	What are the implications of a Dynamic Spiral-Armed Particles Propagation Model on various aspects of Cosmic Rays?	Benyamin
10:40—11:10	HAWC capabilities and results from the first year of operations	Martinez-Castellanos
11:10—11:40	Break	
11:40—12:50	History of the ISCRA	Wefel

Chair: Wefel

15:00—16:00	The Astrophysics of Ultra-Heavy Galactic Cosmic Rays and techniques for their measurement.	Mitchell
16:10 – 16:40	Scientific ballooning: near-space access without rockets	Mitchell
16:45—17:15	Break	
17:15 – 18:15	Closing comments	Wefel, Stanev, Hörandel

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