

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

21st Course: “Astroparticle Physics: Yesterday, Today and Tomorrow”

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

Sunday, 5 August 2018

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

Chair: Stegmann

09:00—10:00	Icecube: Opening a New Window on the Universe from the South Pole. (1)	Halzen
10:00—11:00	Cosmic Ray Acceleration in the Laboratory	Sarkar
11:00—11:30	Break (School Photo)	
11:30—12:30	Gravitational Waves (1)	Gonzales
12:30—12:45	Simulation study for the IceTop enhancement with a scintillation array	Leszczyńska

Chair: Halsen

15:00—16:00	The Theory of Cosmic Ray Acceleration and Transport (2)	Schlickeiser
16:00 – 17:00	Gamma Ray Astronomy (2)	Stegmann
17:00—17:30	Break	
17:30 – 17:45	The transition between Galactic and extra-galactic cosmic rays	Merten
17:45 – 18:45	ISCRA 1978-2018 40th Anniversary	Stanev, Watson, Sarkar, Schlickheiser, Smith

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