

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

**22nd Course: “From Cosmic Rays to Gravitational Waves:
Now and to Come”**

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

Friday, 5 August 2022

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

Chair:

09:00—10:00	Cosmic neutrinos and multimessenger astronomy	Halzen
10:00—11:00	Cosmic rays at the knee and the GRAPES experiment	Gupta
11:00—11:30	Break	
11:30—12:30	Gravitational Waves	Schmidt

Chair:

15:00—16:00	Cosmic neutrinos and multimessenger astronomy	Halzen
16:00 – 17:00	History of the ISCRA	Smith
17:00—17:30	Break	
17:30 – 17:45	Search for high-energy gamma-ray emission from shock powered transients with the VERITAS telescope	Kherlakian
17:45 – 18:00	Lorentz Invariance Violation effects in the extensive air showers	Trimarelli
18:00 – 18:15	Progress of CALET UH TASC analysis	Zober
18:15 – 18:30	Search for ultra-high energy neutrinos with the Pierre Auger Observatory	Saharan

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