

12th Cosmic Ray International Seminar

Wednesday, 14 September 2022

Cosmic Rays - Aula Magna (09:00 - 11:10)

-Conveners: Ivan De Mitri

time	[id] title	presenter
09:00	[18] Overview	ALOISIO, Roberto
09:30	[149] The Pierre Auger Observatory	DELIGNY, Olivier
09:50	[70] The AugerPrime upgrade of the Pierre Auger Observatory	Prof. SUOMIJÄRVI, Tiina
10:10	[7] Recent Results from the Telescope Array	MATTHEWS, John
10:30	[32] The JEM-EUSO program for UHECR studies from space	PARIZOT, Etienne
10:50	[145] First results from the Mini-EUSO detector on board the International Space Station	CASOLINO, Marco

Cosmic Rays - Aula Magna (11:40 - 13:10)

-Conveners: Roberto Aloisio

time	[id] title	presenter
11:40	[2] The NUSES space mission	DE MITRI, Ivan
12:00	[139] Astroparticle experiments opening their data: a snapshot of the present and a glimpse of the future	GHIA, Piera
12:30	[98] Observational constraints on cosmic-ray escape from UHE accelerators	DELIGNY, Olivier
12:50	[143] How do we explain the UHECR dipole anisotropy?	FARGION, Daniele

Cosmic Rays - Aula Magna (14:40 - 16:20)

-Conveners: Miguel Mostafa

time	[id] title	presenter
14:40	[97] Direct cosmic-rays measurements from Satellite	ZUCCON, Paolo
15:10	[60] The AMS-02 detector on the ISS - Status and highlights after 11 years on orbit	VAGELLI, Valerio GRAZIANI, Maura
15:30	[73] Precision Measurement of the Monthly Proton, Helium, Carbon and Oxygen Fluxes in Cosmic Rays with the Alpha Magnetic Spectrometer on the International Space Station	Dr DONNINI, Federico
15:45	[74] Modeling solar modulation of cosmic rays in light of new data from AMS-02 and PAMELA	REINA CONDE, Alejandro
16:00	[3] Galactic Cosmic Rays: latest results from the DAMPE mission	DE MITRI, Ivan

Cosmic Rays - Aula Magna (16:50 - 18:10)

-Conveners: Stephane Coutu

time	[id] title	presenter
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16:50	[96] Measurements and results using data collected with the HEPD-01 on board the China Seismo-Electromagnetic Satellite	FOLLEGA, Francesco Maria
17:10	[88] Preliminary results for helium flux measured by the High-Energy Particle Detector (HEPD) on board the CSES-01 satellite	PANICO, Beatrice
17:30	[76] The GAPS experiment: a cosmic ray antinuclei detector for dark matter signatures	MUNINI, Riccardo

Friday, 16 September 2022

Cosmic Rays - Aula Magna (09:20 - 10:45)

time	[id] title	presenter
09:20	[146] Galactic cosmic rays: direct measurements, status and perspectives	Prof. COUTU, Stephane
09:45	[79] The HERD space mission	SILVERI, Leandro
10:05	[94] Timepix in Space: From radiation monitoring in Low Earth Orbit to astroparticle physics	BERGMANN, Benedikt
10:25	[10] Optimizing the zenith angle dependence of cosmic ray muons in the knee region: simulation study	Haj Ismail, Abd Al Karim