

TeVPA 2022

Monday, 8 August 2022

Cosmic Rays: I - BioSci 1102 (14:00 - 15:20)

-Conveners: Pedro De la Torre Luque

time	[id] title	presenter
14:00	[36] Force-Field Model of Galactic Cosmic Ray Propagation in the Inner Heliosphere	Dr LI, Jung-Tsung
14:20	[128] Precision Measurement of Daily Electron, Positron, Proton, and Helium Fluxes with the Alpha Magnetic Spectrometer	JIA, Yi
14:40	[166] Precision Measurement of the Monthly Proton, Helium, Carbon and Oxygen Fluxes in Cosmic Rays with the Alpha Magnetic Spectrometer on the International Space Station	DONNINI, Federico

Tuesday, 9 August 2022

Cosmic Rays: II - BioSci 1101 (14:00 - 15:20)

-Conveners: Morlino Giovanni

time	[id] title	presenter
14:00	[113] The FLUKA cross sections for cosmic-ray propagation studies	DE LA TORRE LUQUE, Pedro
14:20	[133] Isotopic composition of cosmic rays with the HELIX balloon project	MCBRIDE, Keith
14:40	[132] Unique Properties of Secondary Cosmic Rays: Results from the Alpha Magneti Spectrometer	Mr CHEN, Yao
15:00	[125] Unique Properties of Cosmic H, He, Li and Be Isotopes	WEI, Jiahui

Cosmic Rays: III - BioSci 1101 (15:50 - 17:10)

-Conveners: Francesca Giovacchini

time	[id] title	presenter
15:50	[126] Unique Properties of Primary Cosmic Rays: Results from the Alpha Magnetic Spectrometer	JIA, Yi
16:10	[121] Unique Properties of the 3rd Group of Cosmic Rays: Results from the Alpha Magnetic Spectrometer	Dr FORMATO, Valerio
16:30	[144] Testing the universality of cosmic-ray nuclei from protons to oxygen with AMS-02	KORSMEIER, Michael
16:50	[235] The High Energy cosmic Radiation Detector	Dr FORMATO, Valerio

Wednesday, 10 August 2022

Cosmic Rays: IV - Stirling Auditorium (14:00 - 15:20)

-Conveners: Valerio Formato

time	[id] title	presenter
14:00	[18] Direct Detection of TeV—PeV Cosmic Rays in Space	TYKHONOV, Andrii
14:20	[33] Potential measurement of the primary cosmic-ray proton spectrum between 40 TeV and a few hundred TeV with the Tibet hybrid experiment (Tibet-III + MD)	Dr YUSAKU, katayose
14:40	[59] The Surface Array Enhancement of the IceCube Neutrino Observatory	SOLDIN, Dennis
15:00	[134] Observation of Cosmic-Ray Anisotropy with Ten Years of IceCube Data	MCNALLY, Frank

Cosmic Rays: V - Stirling Auditorium (15:50 - 17:10)

-Conveners: Yi Jia

time	[id] title	presenter
15:50	[137] Properties of Heavy Nuclei in South Atlantic Anomaly region	GIOVACCHINI, Francesca
16:10	[82] The mechanism of efficient electron acceleration at parallel non-relativistic shocks	SHALABY, Mohamad
16:30	[122] Towards Understanding the Origin of Cosmic-Ray Positrons	WENG, Zhili
16:50	[118] Antiproton Flux and Properties of Elementary Particle Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the ISS	WENG, Zhili