

TeV Particle Astrophysics 2021(TeVPA 2021)

Tuesday, 26 October 2021

Session 3: Cosmic rays(1poster) (15:00 - 18:00)

-Conveners: Qiang Yuan

time	[id] title	presenter
15:00	[84] Measurements of the cosmic ray proton and helium spectra with the DAMPE experiment	YUE, Chuan
15:20	[98] Studies of Medium and Heavy mass cosmic ray nuclei with the DAMPE space mission	KYRATZIS, Dimitrios
15:40	[65] Explaining cosmic ray antimatter with secondaries from old supernova remnants	MERTSCH, Philipp
16:00	[92] Implications of Li to O data of AMS-02 on our understanding cosmic-ray propagation	KORSMEIER, Michael
16:20	[61] Constraining the cosmic ray spectrum in the vicinity of the supernova remnant W28: from sub-GeV to multi-TeV energies (Poster during the break)	PHAN, Vo Hong Minh
16:20	Break	
16:40	[3] Contribution of SNRs to Cosmic Rays	Dr LIU, Siming
17:00	[43] The low rate of Galactic supernova remnant pevatrons	Dr CRISTOFARI, Pierre
17:20	[60] Low-Energy Cosmic-Ray Electron and Nuclei from Discrete Stochastic Sources	Dr PHAN, Vo Hong Minh

Wednesday, 27 October 2021

Session 3: Cosmic rays (15:00 - 17:20)

-Conveners: Carmelo Evoli

time	[id] title	presenter
15:00	[39] Particle acceleration at quasi-perpendicular non-relativistic high Mach number shocks	Dr KUMAR, Naveen
15:20	[18] Cosmic-ray acceleration in young supernova remnants in dense circumstellar environments	BROSE, Robert
15:40	[88] On the spectral softening in core-collapse supernova remnant expanding inside the wind bubble	Ms DAS, Samata
16:00	Break	
16:20	[6] Time-dependent treatment of cosmic-ray spectral steepening due to turbulence driving	POHL, Martin
16:40	[127] CR scattering against pre-existing MHD turbulent modes	FORNIERI, Ottavio
17:00	[82] Explaining low diffusivity and CR bubbles around SNRs	SCHROER, Benedikt

Friday, 29 October 2021

Session 3: Cosmic rays (15:00 - 17:20)

-Conveners: Hao Zhou

time	[id] title	presenter
15:00	[57] Cosmic Ray Small-Scale Anisotropies in Slab Turbulence	KUHLEN, Marco
15:20	[10] Simulations of the TeV-PeV cosmic-ray anisotropy	GIACINTI, Gwenael
15:40	[41] Implications of turbulence dependent diffusion on cosmic ray spectra	DÖRNER, Julien
16:00	Break	
16:20	[63] Nonlinear Propagation of Low-Energy Cosmic Rays from Supernova Remnants	JACOBS, Hanno
16:40	[69] Testing the consistency of propagation between light and heavy cosmic rays	Dr WU, Juan
17:00	[126] The role of cross sections in the evaluation of GCR propagation	LUQUE, Pedro De la Torre