

TeV Particle Astrophysics 2021(TeVPA 2021)

Tuesday, October 26, 2021

Session 3: Cosmic rays(1poster) (3:00 PM - 6:00 PM)

-Conveners: Qiang Yuan

time	[id] title	presenter
3:00 PM	[84] Measurements of the cosmic ray proton and helium spectra with the DAMPE experiment	YUE, Chuan
3:20 PM	[98] Studies of Medium and Heavy mass cosmic ray nuclei with the DAMPE space mission	KYRATZIS, Dimitrios
3:40 PM	[65] Explaining cosmic ray antimatter with secondaries from old supernova remnants	MERTSCH, Philipp
4:00 PM	[92] Implications of Li to O data of AMS-02 on our understanding cosmic-ray propagation	KORSMEIER, Michael
4:20 PM	[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
4:20 PM	Break	
4:40 PM	[6] Contribution of SNRs to Cosmic Rays	Dr LIU, Siming
5:00 PM	[43] The low rate of Galactic supernova remnant pevatrons	Dr CRISTOFARI, Pierre
5:20 PM	[60] Low-Energy Cosmic-Ray Electron and Nuclei from Discrete Stochastic Sources	Dr PHAN, Vo Hong Minh

Wednesday, October 27, 2021

Session 3: Cosmic rays (3:00 PM - 5:20 PM)

-Conveners: Carmelo Evoli

time	[id]	title	presenter
3:00 PM	[89]	Particle acceleration at quasi-perpendicular non-relativistic high Mach number shocks	Dr KUMAR, Naveen
3:20 PM	[18]	Cosmic-ray acceleration in young supernova remnants in dense circumstellar environments	BROSE, Robert
3:40 PM	[88]	On the spectral softening in core-collapse supernova remnant expanding inside the wind bubble	Ms DAS, Samata
4:00 PM		Break	
4:20 PM	[6]	Time-dependent treatment of cosmic-ray spectral steepening due to turbulence driving	POHL, Martin
4:40 PM	[127]	CR scattering against pre-existing MHD turbulent modes	FORNIERI, Ottavio
5:00 PM	[82]	Explaining low diffusivity and CR bubbles around SNRs	SCHROER, Benedikt

Friday, October 29, 2021

Session 3: Cosmic rays (3:00 PM - 5:20 PM)

-Conveners: Hao Zhou

time	[id]	title	presenter
3:00 PM	[57]	Cosmic Ray Small-Scale Anisotropies in Slab Turbulence	KUHLEN, Marco
3:20 PM	[10]	Simulations of the TeV-PeV cosmic-ray anisotropy	GIACINTI, Gwenael
3:40 PM	[41]	Implications of turbulence dependent diffusion on cosmic ray spectra	DÖRNER, Julien
4:00 PM		Break	
4:20 PM	[63]	Nonlinear Propagation of Low-Energy Cosmic Rays from Supernova Remnants	JACOBS, Hanno
4:40 PM	[69]	Testing the consistency of propagation between light and heavy cosmic rays	Dr WU, Juan
5:00 PM	[126]	The role of cross sections in the evaluation of GCR propagation	LUQUE, Pedro De la Torre