

TeV Particle Astrophysics 2021(TeVPA 2021)

Tuesday, 26 October 2021

Session 2: Galactic sources(1poster) (15:00 - 18:10)

-Conveners: Yang Chen

time	[id] title	presenter
15:00	[7] Cherenkov Telescope Array Sensitivity to the High-Energy Tail of the Galactic Center Excess	MACIAS, Oscar
15:20	[59] Long-term VERITAS observations of LS I +61° 303 and a multi-waveband perspective	PATEL, Sonal Ramesh
15:40	[115] H.E.S.S. observations of galactic molecular clouds	Dr SINHA, Atreyee
16:00	[140] Galactic Science with the Southern Wide-field Gamma-ray Observatory	LOPEZ-COTO, Ruben
16:20	[70] Detecting and characterising pulsar halos with the Cherenkov Telescope Array	VODEB, Veronika
16:40	Break	
17:00	[9] Origin of the very high energy gamma-ray emission from the Crab pulsar wind nebula	GIACINTI, Gwenael
17:20	[73] On the Hard Gamma-Ray Spectrum of SNR G106.3+2.7	Mr BAO, Yiwei
17:40	[33] The formation of gamma-ray halos around supernova remnants through particle escape	Dr BROSE, Robert
18:00	[114] Temporal resolution of transient sources with LST-1: application to HESS J0632+057(poster)	AGUASCA-CABOT, Arnau

Wednesday, 27 October 2021

Session 2: Cosmic rays (08:30 - 10:50)

-Conveners: Damiano Caprioli

time	[id] title	presenter
08:30	[66] Accelerating Steep Cosmic Ray Spectra with Revised Diffusive Shock Acceleration	Ms DIESING, Rebecca
08:50	[93] The study of the longitude development of muons in air shower	Ms WANG, Liping
09:10	[124] Measurement of the attenuation length of muon in the air shower with muon detectors of LHAASO	FENG, Xiaoting
09:30	Break	
09:50	[106] Forbush Decrease of cosmic ray electrons and positrons with DAMPE	Dr ZANG, Jingjing
10:10	[45] Search for fractionally charged particles in space with DAMPE	LIU, Chengming
10:30	[44] Hybrid origins of the cosmic-ray nuclei spectral hardening at a few hundred GV	Dr NIU, Jia-Shu

Session 2: Extragalactic sources (15:00 - 18:20)

-Conveners: Andrew Taylor

time	[id] title	presenter
15:00	[71] MAGIC observations of gamma-ray bursts	SUDA, Yusuke
15:20	[30] The implications of TeV detected GRB afterglows for acceleration at relativistic shocks	Mr HUANG, Zhiqiu
15:40	[125] Understanding the Spectrum of Gamma-Ray Burst 190114C	KLINGER, Marc
16:00	[134] MAGIC in the multi-messenger Universe: latest news from the neutrino blazar TXS 0506+056	VIALE, Ilaria
16:20	[113] The discovery in very-high-energy gamma rays of Blazar TXS1515-273 by MAGIC and extreme MAGIC results	LOPORCHIO, Serena
16:40	Break	
17:00	[95] Long-term multi-wavelength variability of Markarian 421 and Markarian 501	Dr SLIUSAR, Vitalii
17:20	[100] Unveiling the complex correlation patterns and emission mechanisms in Mrk 421	ARBET-ENGELS, Axel
17:40	[133] Multiwavelength monitoring of gravitationally lensed blazar QSOB0218+357 between 2016 and 2020	Dr DE PALMA, Francesco
18:00	[4] Suppression of the TeV pair-beam plasma instability by a weak intergalactic magnetic field	Mr ALAWASHRA, Mahmoud

Thursday, 28 October 2021

Session 2: Extragalactic sources+others (08:30 - 11:30)

-Conveners: Katsuaki Asano

time	[id]	title	presenter
08:30	[34]	A toy multi-zone model for multi-wavelength emission of blazars	Dr XUE, Rui
08:50	[136]	A unified model for orphan and multi-wavelength blazar flares	WANG, Zerui
09:10	[112]	General relativistic, multi-wavelength and multi-messenger study on black hole accretion flows and outflows	KAWASHIMA, Tomohisa
09:30	[31]	Relationship between gamma-ray loudness and X-ray spectra of radio galaxies	KAYANOKI, Taishu
09:50		break	
10:10	[108]	Constraining the baryon loading factor of AGN jets: implication from the gamma-ray emission of the Coma cluster	Dr SHI, Xin-Yue
10:30	[52]	Fast X-ray variability of radio galaxy M87	Mr IMAZAWA, Ryo
10:50	[38]	Radio Constraints on Multi-Messenger High-Energy Emission from Galaxy Clusters	NISHIWAKI, Kosuke
11:10	[36]	Particle Acceleration by Magnetic Reconnection Driven by Current-Driven Kink Instability Turbulence in Relativistic Jets	MIZUNO, Yosuke

Friday, 29 October 2021

Session 2: Particle physics+others (08:30 - 09:30)

-Conveners: Jiji Fan; Lesya Shchutska

time	[id] title	presenter
08:30	[161] Measurements of associated top quark production and searches for new top-quark phenomena with the ATLAS detector	BULLARD, Brendon
08:50	[37] Strongly coupled dark sector and dark pions	LI, Lingfeng

Session 2: Particle physics (15:00 - 18:20)

-Conveners: Lesya Shchutska; Jiji Fan

time	[id] title	presenter
15:00	[58] Mapping the viable parameter space for testable leptogenesis	Mr GEORIS, Yannis
15:20	[1] Cosmic photons from LHAASO as probes of Lorentz symmetry violations	Prof. MA, Bo-Qiang
15:40	[153] Contributions from the fixed target program of the LHCb experiment to the understanding of antimatter in cosmic rays: status and prospects	LUCARELLI, Chiara
16:00	[74] Searches for long-lived particles at CMS	KAZANA, Malgorzata
16:20	[165] Searches for BSM physics using challenging and long-lived signatures with the ATLAS detector	GRANCAGNOLO, Sergio
16:40	Break	
17:00	[158] Measurement of top-quark cross sections and properties with the ATLAS detector at the LHC	BERTA, Peter
17:20	[163] ATLAS measurements of CP violation and rare decays processes with beauty mesons	BONA, Marcella
17:40	[168] Searches for new phenomena in final states with 3rd generation quarks using the ATLAS detector	BURGER, Angela Maria
18:00	[166] Search for exotic decays of the Higgs boson and additional scalar particles in ATLAS	REYNOLDS, Elliot