

Astroparticle School 2024

Monday 7 October 2024

Participant Presentations (17:45 - 19:00)

time	[id] title	presenter
17:45	[20] Measuring the flavor composition of ultra-high-energy cosmic neutrinos: a two-detector approach	TESTAGROSSA, Federico
18:05	[29] Detecting ultra-high-energy cosmic ray anisotropies via harmonic correlators	BIANCIOTTO, Marta
18:25	[27] Spectral Bayesian Imaging of Perseus Cluster in X-ray	JETTI, Mrinal

Tuesday 8 October 2024

Participant Presentations (16:00 - 17:20)

time	[id] title	presenter
16:00	[26] Modelling Astrophysical Shocks in Stellar Explosions	Mr JAITLY, Annanay
16:20	[3] Shell-merger in 3D Core-Collapse Supernova Progenitors	RAMALATSWA, Katlego
16:40	[1] propagation and fate of cosmic rays in cosmological ecosystem connected by filaments	HAN, Qin
17:00	[21] Relic Neutrino Helicity Evolution in the Galactic Magnetic Field and Its Implications	Mr LIAO, Kito

Participant Presentations (17:40 - 19:00)

time	[id] title	presenter
17:40	[7] Drone-Based Calibration of AugerPrime Radio Antennas at the Pierre Auger Observatory	Mr REUZKI, Alex
18:00	[5] Adding interferometric lightning detection to the Pierre Auger Observatory	Ms WEITZ, Melanie Joan
18:20	[15] Lightning Broadband Radio Interferometry at the Pierre Auger Observatory	DE BOONE, Eric-Teunis
18:40	[14] In-Ice Radio Detection of Neutrinos with IceCube-Gen2 and the Implementation of a Deep Learning Based Trigger DAQ System	Mr RIFAIE, Adam

Saturday 12 October 2024

Participant Presentations (16:00 - 17:30)

time	[id] title	presenter
16:00	[19] Development and Enhancement of the Northern-track Event Selection in IceCube Neutrino Observatory	DENG, Shuyang
16:20	[17] Investigating the blazar-neutrino connection with public IceCube data	KUHMANN, Julian
16:40	[13] Spectral Energy Distribution Study of Blazar PKS 2155-304	Mr P K, Navaneeth
17:00	[24] Investigating the astrosphere of λ Cephei: effects of relative velocity and ISM magnetic field strength	Mr MOYENI, Douglas Velile

Sunday 13 October 2024

Participant Presentations (16:00 - 17:20)

time	[id] title	presenter
16:00	[2] Directional Search for Ultra-High-Energy Photons Using the Surface Detector of the Pierre Auger Observatory	FEHLER, Tim
16:20	[10] On the winding angle of the Heliospheric Magnetic Field at Earth	Mr VAN DER MERWE, Frans
16:40	[22] Leveraging Transformer Models for Gamma/Hadron Separation in SWGO	Mr PIRKE, Markus
17:00	[36] Astrophysical X-ray Polarimetry with IXPE	TUGLIANI, Stefano

Monday 14 October 2024

Participant Presentations (11:15 - 13:00)

time	[id] title	presenter
11:15	[9] Reconstruction of Neutrino Properties from Radio Detector Data using Deep Learning	HEYER, Nils
11:35	[12] Reconstructing the Longitudinal Profile of Air Showers using an IFT-based Imaging Algorithm for Radio Data	WATANABE, Keito
11:55	[18] 4D air shower interferometry with SKA	Mr LAUB, Philipp
12:15	[28] FlashCam: Camera characterisation and the search for GRB's	TIMMERMANS, Anne

Tuesday 15 October 2024

Participant Presentations (11:15 - 13:00)