

CRT Group Workshop (DPG 2024 Rehearsals)

Monday, February 26, 2024

Session - B 425 R 130 (2:00 PM - 3:30 PM)

time	[id] title	presenter
2:00 PM	[1] Accessing the Cosmic-Ray Energy Scale with the Auger Engineering Radio Array	BÜSKEN, Max
2:30 PM	[2] Radio signal and uncertainty estimation for the Radio Detector of the Pierre Auger Observatory	MARTINELLI, Sara

Session - B 425 R 130 (4:00 PM - 5:30 PM)

time	[id] title	presenter
4:00 PM	[6] Sensitivity of IceCube-Gen2 for Cosmic-Ray Anisotropy Studies	HOU, Wenjie
4:30 PM	[7] Event-by-event reconstruction of air-shower events with IceCube using a two component lateral distribution function	WEYRAUCH, Mark
5:00 PM	[8] Sub-PeV Cosmic-Ray Measurements at IceCube	SAFFER, Julian

Tuesday, February 27, 2024

Session: Session - B 425 R 130 (11:00 AM - 12:30 PM)

time	[id] title	presenter
11:00 AM	[3] Towards an Autonomous Trigger for the Detection of Air-Shower Radio Emission	Mrs KÖHLER, Jelena
11:30 AM	[4] Modelling the Radio Emission of Inclined Cosmic-Ray Air Showers in the 50–200 MHz Frequency Band for GRAND	GÜLZOW, Lukas
12:00 PM	[5] Development of a spatial resolving scintillator readout system - "MIP-Cube"	BRUDER, Philippe

Session: Session - B 425 R 130 (2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00 PM	[9] Metadata curation efforts at Cascade Cosmic-Ray Data Centre	TOKAREVA, Victoria
2:30 PM	[11] Neural Networks for simulating Air-Shower Radio Emission	SAMPATHKUMAR, Pranav
3:00 PM	[12] Searching for sub-TeV neutrino counterparts with IceCube for sub-threshold Gravitational Wave events	MUKHERJEE, Tista
3:30 PM	[13] First results with the Station 0 of the IceCube Surface Array Enhancement	SHEFALI, S

Session: Session - B 425 R 130 (4:00 PM - 5:30 PM)

Wednesday, February 28, 2024

Session: Session - B 425 R 130 (11:00 AM - 1:00 PM)

time	[id] title	presenter
11:00 AM	[19] Citizen Science in Data-Intensive Physics: PUNCH4NFDI Perspective	TOKAREVA, Victoria
11:30 AM	[16] Radio Measurements with an IceCube-Gen2 Surface Station installed at the Pierre Auger Observatory	MERX, Carmen
12:00 PM	[17] IceCube-Gen2 Surface Array: Science Case and Plans	SCHRÖDER, Frank

Session: Session - B 425 R 130 (2:00 PM - 4:00 PM)

time	[id] title	presenter
2:00 PM	[15] Gamma-Hadron Separation at the IceCube Neutrino Observatory	BONTEMPO, Federico
2:30 PM	[18] The IceCube Surface Array Enhancement and cosmic-ray observation with radio	VENUGOPAL, Megha
3:00 PM	[14] Extensive air shower simulations -- successes and challenges	HUEGE, Tim