



# Astroparticle School 2023

## Wednesday 04 October 2023

### Participant Presentations (17:45-19:00)

time	[id] title	presenter
18:15	[53] Reconstruction methods for radio detection of air showers with LOFAR	Ms TERVEER, Karen

# Thursday 05 October 2023

## Participant Presentations (16:00-17:30)

time	[id] title	presenter
16:15	[45] Simulation of photon propagation in dust layers at the South Pole	PERNICE, Teresa
16:45	[39] Analyzing parameter sets resulting from modeling by using machine learning tools	APEL, Frederike
17:00	[37] Data Volume Reduction for CTA	Ms ESCANUELA NIEVES, Clara
17:15	[52] GNN based Gamma/Hadron Separation with SWGO	SCHNEIDER, Martin

## Participant Presentations (17:45-19:00)

time	[id] title	presenter
17:45	[21] Searching for TeV pulsar halos: revisiting the H.E.S.S. Galactic Plane Survey	SABRI, Karim
18:30	[26] Towards searching for ultra-high energy photons from galactic PeVatrons	Ms PAPIOR, Chiara Jane
18:45	[54] Combined fit of UHECRs with jetted AGN	PLOTKO, Pavlo

# Friday 06 October 2023

## Participant Presentations (17:45-19:00)

time	[id] title	presenter
17:45	[34] Operating a LXe detector test platform	LUCE, Tiffany
18:15	[22] Design and operation of a co-deployed dust-logging instrument for the IceCube Upgrade and IceCube-Gen2	EIMER, Anna
18:45	[24] The XENONnT cryogenic radon removal system	KOKE, David

# Saturday 07 October 2023

## Participant Presentations (09:00-10:45)

time	[id] title	presenter
09:00	[30] ${}^{\text{83m}}\text{Kr}$ N-line spectrum measurement at KATRIN	STOREK, Jaroslav
09:15	[23] Ultra-low intrinsic background for the direct dark matter search down to the neutrino fog with DARWIN/XLZD	SCHULTE, Philipp
09:45	[46] DISCO Experiment	AUGUSTHY, Amala
10:30	[57] Supernova neutrino detection with dual-phase xenon TPCs	Dr GHOSH, Sayan

## Participant Presentations (17:45-19:00)

# Tuesday 10 October 2023

## Participant Presentations (17:45-19:00)

time	[id] title	presenter
17:45	[33] Analysing the Fermi Bubbles using improved models and datasets	BLOMENKAMP, Paul-Simon
18:30	[51] Studies on the effects of magnetic fields on anisotropies in a catalog based search	Mr DEVAL, Luca
18:45	[36] Modified Temperature Redshift relation and UHECR propagation	MEINERT, Janning

# Wednesday 11 October 2023

## Participant Presentations (16:15-17:15)

time	[id] title	presenter
16:15	[38] Constraining the VSR origin of graviton mass through binary pulsars	SANTONI, Alessandro SOTO, Alex
16:30	[56] KM3NeT/ARCA offline follow-up of X-rays flares of Extreme Blazar sources	MUSONE, Maria Rosaria
16:45	[50] Reconstruction of faint non-standard model particles in IceCube	SCHMEISSER, Nick Jannis
17:00	[25] Tuning of the Pythia8 hadronic interaction model for simulations of UHECR induced air showers	GAUDU, Chloé