

Astroparticle School 2018

Friday 05 October 2018

Participant Talks (16:00-17:30)

time	[id] title	presenter
16:00	[36] The Condensed Krypton Source as a Calibration Tool for KATRIN	FULST, Alexander
16:20	[40] Proportional Scintillation in Liquid Xenon Time Projection Chambers	Mr MEINHARDT, Patrick
16:40	[41] Monte Carlo simulations of the XENON1T experiment	Mr ALTHÜSER, Lutz
17:00	[45] Deep Neural Networks for Energy Reconstruction in EXO-200	ZIEGLER, Tobias

Saturday 06 October 2018

Participant Talks (15:45-17:30)

time	[id] title	presenter
16:00	[50] Gradient Descent Optimization of IceCube Ice Parameters	HARNISCH, Alexander
16:20	[37] Directional Reconstruction of Muons with Recurrent Neural Networks in IceCube	WREDE, Gerrit
16:40	[34] Tau neutrino appearance with KM3NeT-ORCA using Deep Learning	MOSER, Michael
17:00	[42] Data integration for various astroparticle experiments	Ms TOKAREVA, Victoria

Monday 08 October 2018

Participant Talks (16:00-17:30)

time	[id] title	presenter
16:00	[39] Supernova Remnant as PeVatron candidates for CTA observations	Mr OU, Ziwei
16:20	[48] Analysis of the lateral distribution of air showers at the Pierre Auger Observatory	Mr RAUSCHER, Philipp Julian
16:40	[35] Integration of radio surface antennas into the scintillator upgrade of IceTop at IceCube	STEINMÜLLER, Peter
17:00	[44] Unfolding the Electric Field of Radio Emission from Extensive Air Showers	SCHLÜTER, Felix

Tuesday 09 October 2018

Participant Talks (16:00-17:30)

time	[id] title	presenter
16:00	[49] Luminescence characteristics of water and ice	PIEPER, Sarah
16:20	[46] Enceladus -home of extraterrestrial life?	FRIEND, Pia
16:40	[47] Radar-based sounding and navigation for a melting probe to explore the ocean of Enceladus for signs of life	Mr KYRIACOU, Alexander
17:00	[56] Gamma-ray counterparts of the IceCube track-type high-energy neutrino events	GARRAPPA, Simone

Wednesday 10 October 2018

Participant Talks (16:00-17:40)

time	[id] title	presenter
16:00	[53] Simulation and optimization studies on a time-over-threshold readout of the mDOM for future IceCube upgrades	Mr GUDERIAN, Daniel
16:20	[43] Setup of a batch test facility for the characterization of photomultipliers for the SSD-Upgrade of the Pierre Auger Observatory	STROTMANN, Simon
16:40	[51] Comparison of lightguide designs for SiPM pixel in the MAGIC I telescope and characterisation of pulse arrival times	ESFAHANI, Alina
17:00	[54] Development of an acoustic transducer for the new mDOM	TURCOTTE, Roxanne
17:20	[57] Search for High-Energy Neutrinos from Tidal Disruption Events (TDEs)	Mr STEIN, Robert