

TIPP 2021

Tuesday, May 25, 2021

Experiments: Dark Matter Detectors: Tuesday Early (5:30 AM - 7:00 AM)

-Conveners: Silvia Scorza; Federica Petricca

time	[id] title	presenter
5:30 AM	M41] The PandaX-4T Dark Matter Experiment	QIAN, Zhicheng
5:48 AM	M34] Diamond detectors for low-mass dark matter searches	CANONICA, Lucia
6:06 AM	M03] Low radioactivity Argon for the DarkSide-20k experiment	SANTORELLI, Roberto
6:24 AM	M18] Purity monitor and TPC design for Xenoscope	BIONDI, Yanina
6:42 AM	M71] Detection of low mass WIMPs with Spherical Proportional Counters	SAVVIDIS, George

Experiments: Dark Matter Detectors: Tuesday Middle (7:30 AM - 9:00 AM)

-Conveners: Federica Petricca; Silvia Scorza

time	[id] title	presenter
7:30 AM	M46] Design of keV-scale neutron sources using Fe and Sc	PATEL, Pratyush
7:48 AM	M31] Development of DarkSide-20k Dual-Phase Time Projection Chamber	PANTIC, Emilija
8:06 AM	M50] Improving sensitivity to low-mass dark matter in LUX using a novel electrode background mitigation technique	OLIVER-MALLORY, Kelsey
8:24 AM	M01] Low-energy Monoenergetic Neutron Production with a DD-Neutron Source for sub-keV Nuclear Recoil Calibrations in the LUX and LZ Experiments	Mr TAYLOR, Will
8:42 AM	M67] CrystalLiZe: A Solid Future for LZ	KRAVITZ, Scott