

Technology & Instrumentation in Particle Physics (TIPP2023)

Thursday 07 September 2023

F3: Dark Matter and Rare Event Detectors - Meeting Room 2.44 - 2.46 (11:00-13:00)

-Conveners: Ben McAllister

time	[id] title	presenter
11:00	[215] Results from the first science run of the XENONnT experiment	VOLTA, Giovanni
11:20	[37] Cryogenic Silicon-based photosensors: the Photon Detection Units for dark matter detection in DarkSide-20k	DI CAPUA, Francesco
11:40	[14] Gd-PMMA: a novel neutron tagging technology for low background detectors	Prof. WANG, Yi
12:00	[191] Crystal detector backgrounds of the SABRE South experiment	FU, Guangyong
12:20	[144] Sterile Neutrino Dark Matter Searches with the KATRIN Experiment	EDZARDS, Frank
12:40	[83] Development of an active Transverse Energy Filter (aTEF) with angular-dependent electron detection for background reduction at the KATRIN experiment	Ms SCHNEIDEWIND, Sonja