

IDM 2022

Thursday, 21 July 2022

Parallel 3A - Direct detection (calibration and new approaches) - E17 (14:00 - 15:40)

-Conveners: Valentyna Mokina

time	[id] title	presenter
14:00	[228] At the 100 eV Frontier: Calibrating Nuclear Recoils with CRAB	WAGNER, Victoria
14:20	[76] KDK: Measurement of the potassium-40 ground state electron capture for backgrounds in rare-event searches	STUKEL, Matthew Jake
14:40	[227] Characterization of a Low Background CaWO ₄ Crystal for CRESST-III	KINAST, Angelina
14:50	[129] Low energy calibration and characterization of novel dark matter detectors with a scanning laser device	STIFTER, Kelly
15:00	[130] Deficit hawks: robust new physics searches with unknown backgrounds	AALBERS, Jelle
15:20	[83] Neutrinos in direct detection experiments: obstacle or aid to new physics?	Dr CHEEK, Andrew

Parallel 3A - Direct detection (calibration and new approaches) - E17 (16:10 - 17:50)

-Conveners: Victoria Wagner

time	[id] title	presenter
16:10	[99] Search for dark matter in solid state devices using radiation damage.	LEE, Steven Juhyung
16:20	[230] remoTES: A new design for the cryogenic NaI detectors of the COSINUS experiment	EINFALT, Leonie
16:30	[115] Development of kinetic inductance phonon sensors for phonon-mediated dark-matter detection	Dr RAMANATHAN, Karthik
16:50	[168] Leveraging Quantum Sensors for Dark Matter Detection	BAXTER, Daniel
17:10	[189] Parallel plate force metrology as tool to probe the dark sector	SEDMIK, Rene
17:30	[194] Searches for Ultralight Dark Matter and New Forces with MAGIS-100	TEMPLES, Dylan