



# TIPP 2020

## Monday, 25 May 2020

### Experiments: Dark Matter Detectors: Block 1 (14:00 - 15:30)

time	[id] title	presenter
14:00	[21] The LUX-ZEPLIN (LZ) dark matter experiment: Construction and commissioning of the liquid xenon detector	
14:18	[166] Ultra-low energy calibration of the XENON1T detector with a diluted $^{37}\text{Ar}$ source	Dr ALFONSI, Matteo
14:36	[67] Towards the DARWIN Astroparticle Physics Observatory	KUGER, Fabian
14:54	[211] Development of DarkSide-20k Time Projection Chamber	
15:12	[223] Correcting Signal Saturation in DEAP-3600	Mr MCLAUGHLIN, Joe

# Tuesday, 26 May 2020

## Experiments: Dark Matter Detectors: Block 2 (09:00 - 10:30)

time	[id] title	presenter
09:00	[179] The Scintillating Bubble Chamber (SBC) Experiment for Dark Matter and Reactor CEvNS	
09:18	[252] Detection of low mass WIMPs with Spherical Proportional Counters	
09:36	[257] CUTE – a low background facility at SNOLAB for testing cryogenic detectors : status	
09:54	[260] The SABRE Dark Matter Experiment	
10:12	[19] Dark Matter Detector Calibration with Neutron Capture	