Session Program

5 May 2022



DMUK meeting at Birmingham

Session 1

Thursday 5 May

Speaker Christopher McCabe 10:10-10:30 Status and Plans for Dark Matter work at Boulby underground Laboratory. Speaker Sean Paling 10:30-10:50 Neutron spectroscopy with Spherical Proportional Counters in Bo Speakers Ioannis Manthos, Ioannis Manthos 10:50-11:10 Muon-induced background in a next-generation dark matter experiment based liquid xenon Speaker Vitaly Kudryavtsev 11:10-11:30 When the Evaporation of Primordial Black Holes Messes Up with Dark Matter Production Speaker Lucien Heurtier 11:30-11:45 Design of a compact SiPM array for the Xenia detector Speaker Lucien Kevens 11:45-12:00 Intergalactic Dark Matter		Introduction
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13:35-13:50	Searching for dilaton fields in the Ly\$\alpha\$ forest
Speaker Louis Hamaide	
13:50-14:10	DM searches in colliders
Speaker James Frost	
14:10-14:30	Status of the MIGDAL experiment
Speaker Tom Neep	
14:30-14:50	Progress report on the QSHS hidden sector dark matter project
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