

TeVPA 2025 - Valencia, Spain

Monday 03 November 2025

Dark Matter: Direct Detection - Room 3.1+3.2 (14:30-16:15)

-Moderadores: Madeleine Zurewski

time	[id] title	presenter
14:30	[42] Latest WIMPs and CEvNS result from XENONnT	POMPA, Federica
14:45	[75] PandaX-4T Experiment and its Recent Progress	LIN, Qing
15:00	[296] Latest results from the LUX-ZEPLIN Experiment	BRÁS, Paulo
15:15	[12] The PICO-40L Dark Matter Search	WOODLEY, William
15:30	[19] Status and prospects of the DEAP-3600 experiment	PESUDO FORTES, Vicente
15:45	[411] The DarkSide-20k project updates and perspectives	DE CECCO, Sandro
16:00	[90] The Underground Argon program of the Global Argon Dark Matter Collaboration	DÍAZ MAIRENA, Daniel

Dark Matter: Direct Detection - Room 3.1+3.2 (16:45-18:30)

-Moderadores: Madeleine Zurewski

time	[id] title	presenter
16:45	[286] Backgrounds in LZ and Radon Tagging	ANGELIDES, Nicolas
17:00	[63] Dark Matter Detection in the DarkSide-20k Era: The Challenge of Radiopurity and Low Background	SANTONE, Daria
17:15	[112] DarkSide-20k TPC Mockup: A Step Towards the Realization of DS-20k	SUNNY, Clea
17:30	[66] DarkSide-20k 26 m ² SiPM Detectors: Production and Characterisation	FRANCHINI, Paolo
17:45	[99] Exploring Axion Dark Matter in the RADES Collaboration	COGOLLOS TRIVIÑO, Cristian
18:00	[370] Axion searches with BabyIAXO	LUZÓN MARCO, Gloria
18:15	[193] Probing Benchmark Models of Hidden-Sector Dark Matter with DAMIC-M	MUNAGAVALASA, Sravan

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-Moderadores: Karoline Schäffner

time	[id] title	presenter
14:30	[261] The SuperCDMS experiment at SNOLAB	DHARANI, Sukeerthi
14:45	[159] The TESSERACT Low Mass DM Experiment	PENNING, Bjoern
15:00	[366] DELight: Direct search Experiment for Light Dark Matter with superfluid helium	TOSCHI, Francesco
15:15	[55] ANAIS-112 six-year results in the search for annual modulation and future prospects	COARASA CASAS, Iván
15:30	[7] The SABRE South Experiment at the Stawell Underground Physics Laboratory	LEAVER, Kyle
15:45	[267] Status of the COSINUS Experiment at Gran Sasso	STAHLBERG, Martin
16:00	[175] Development of superfluid He-3 bolometry for the QUEST-DMC project using nanowires with SQUID readout	LEASON, Elizabeth

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-Moderadores: Karoline Schäffner

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16:45	[46] Composite dark matter disassembly in the Earth	BOUKHTOUCHEN, Yilda
17:00	[176] Neutrino Fog and Dark Matter Direct Detection: Generalized Mediator Approach with XENONnT and PandaX-4T	MAJUMDAR, Anirban
17:15	[232] Inelastic dark matter boosted by terrestrial collisions	CAPPIELLO, Christopher
17:30	[76] Dark matter pair detection via atomic spectroscopy	PÉREZ SOLER, Javier
17:45	[334] Sub-GeV Dark Matter Under Pressure from Direct Detection	FIGUEROA, Pablo
18:00	[352] Linear response theory for light dark matter-electron scattering in materials	CATENA, Riccardo
18:15	[17] Searching For Heavy Dark Matter with LMC Modeling	BUCHANAN, Andrew