



# IDM 2024

## Monday, 8 July 2024

### Parallel 1: Direct detection (14:00 - 16:00)

-Conveners: Carla Macolino

time	[id] title	presenter
14:00	[62] PandaX-4T Experiment and its Recent Progress on WIMP search	LIN, Qing
14:20	[145] WIMP Dark Matter searches with the XENONnT experiment	SCHULZE EISSING, Henning
14:40	[195] An update on the LUX-ZEPLIN (LZ) experiment's search for dark matter	OLCINA, Ibles
15:00	[113] Accidental Coincidence Background in XENONnT for Low Energy Nuclear Recoil Search	LIU, Kexin
15:20	[159] Recent status and prospects of CDEX dark matter search at CJPL	YANG, Litao
15:40	[143] The PICO-40L Direct Detection Experiment	CRANSHAW, Derek

### Parallel 1: Direct detection (16:30 - 18:50)

-Conveners: Paolo Agnes

time	[id] title	presenter
16:30	[254] Status of DEAP-3600 experiment	ADHIKARI, Pushparaj
16:50	[24] The LZ Outer Detector	USÓN, Alberto
17:10	[100] The XENONnT Neutron Veto: performances without and with Gd-doping.	SELVI, Marco
17:30	[225] The DarkSide-20k experiment	Mr AHMAD, Iftikhar
17:50	[51] Low-radiactivity argon for dark matter searches and beyond	STEFANIZZI, Riccardo
18:10	[115] Status and short term prospects of DArT, the Underground Ar measurement at Canfranc	PESUDO, Vicente

# Tuesday, 9 July 2024

## **Parallel 1: Direct detection (14:00 - 16:00)**

-Conveners: Aldo Ianni

time	[id] title	presenter
14:00	[207] Annual modulation results from DAMA/LIBRA	CERULLI, Riccardo
14:20	[209] Status and prospects of the SABRE North experiment and NaI(Tl) crystal radiopurity	D'ANGELO, Davide
14:40	[191] ANAIS-112: the most sensitive experiment to test the DAMA/LIBRA signal in a model independent way	COARASA CASAS, Iván
15:00	[58] Dark Matter Annual Modulation Search in COSINE-100 Full Dataset and Beyond	LEE, SeungMok
15:20	[118] A combined search for dark matter with COSINE-100 and ANAIS-112	HOLLICK, Sophia
15:40	[196] The COSINUS dark matter search experiment	REINDL, Florian

## **Parallel 1: Direct detection (16:30 - 18:50)**

-Conveners: Carla Macolino

time	[id] title	presenter
16:30	[35] The SABRE South Experiment at the Stawell Underground Physics Laboratory	BARBERIO, Elisabetta
16:50	[204] Measurements of low energy nuclear recoil quenching factors for NaI(Tl) scintillating crystal	LEE, Seo Hyun
17:10	[233] Dark matter search opportunities with NaI scintillating crystals using SiPMs at cryogenic temperatures	APILLUELO ALLUÉ, Jaime
17:30	[135] ASTAROTH, an innovative detector for dark matter direct detection experiments	TOSO, Valerio
17:50	[23] Opportunities at the Sanford Underground Research Facility	HEISE, Jaret
18:10	[190] Boulby Underground Laboratory: Status update and future plans	SCOVELL, Paul
18:30	[156] Seeking Datter in the Southern Hemisphere with PAUL	MESSINA, Marcello

# Wednesday, 10 July 2024

## Parallel 1: Light Dark Matter (14:00 - 16:20)

-Conveners: Paolo Agnes

time	[id] title	presenter
14:00	[141] Direct Dark Matter search with the CRESST-III experiment: Status and Prospects	BERTOLINI, Anna
14:20	[131] Updates and latest results of the SENSEI experiment	BOTTI, Ana Martina
14:40	[138] Light Dark Matter searches with a next generation Spherical Proportional Counter	MANTHOS, Ioannis
15:00	[33] Results with Low Background Chamber, a DAMIC-M prototype	Dr NORCINI, Danielle
15:20	[251] The SuperCDMS experiment at SNOLAB	DHARANI, Sukeerthi
15:40	[127] The ionization-signal-only analysis and results in PandaX-4T experiment	LI, Shuaijie
16:00	[232] Towards discovery of hidden sector dark matter with liquid xenon TPCs	SORENSEN, Peter GIBBONS, Ryan

# Thursday, 11 July 2024

## **Parallel 1: Direct detection (14:00 - 16:00)**

-Conveners: Elisabetta Baracchini

time	[id] title	presenter
14:00	[18] Directional dark matter searches with the NEWSdm Experiment	ALEXANDROV, Andrey
14:20	[22] First Directional Neutron Recoil Results from a 1 m <sup>3</sup> scale SF6 TPC Vessel with a Coupled MThGEM-Micromegas Readout	MCLEAN, Alasdair
14:40	[173] Status of NEWAGE: direction-sensitive dark matter search with low background micro-pattern gaseous TPC	HIGASHINO, Satoshi
15:00	[210] The CYGNO experiment, a directional detector for direct Dark Matter searches	GASPAR MARQUES, David José
15:20	[55] DMICA: exploring Dark Matter in natural muscovite MICA	HIROSE, Shigenobu
15:40	[50] Dark Matter Searches with the LEGEND Experiment	WATKINS, Samuel

## **Parallel 1: Direct detection (16:30 - 18:50)**

-Conveners: Paolo Agnes

time	[id] title	presenter
16:30	[194] Studying hydrogen-xenon mixtures for direct dark matter detection	WANG, Ann
16:50	[264] XLZD: A Next-Generation Liquid Xenon Observatory for Dark Matter & Neutrino Physics	BAUDIS, Laura
17:10	[216] The DARWIN R&Ds towards the XLZD detector	CAPELLI, Chiara
17:30	[36] Material assay campaign of the DarkSide-20k experiment	SANTORELLI, Roberto
17:50	[52] Characterization of low energy argon recoils with ReD and ReD+	PANDOLA, Luciano