

IDM 2024

Monday, July 8, 2024

Parallel 1: Direct detection (2:00 PM - 4:00 PM)

-Conveners: Carla Macolino

time	[id] title	presenter
2:00 PM	[62] PandaX-4T Experiment and its Recent Progress on WIMP search	LIN, Qing
2:20 PM	[145] WIMP Dark Matter searches with the XENONnT experiment	SCHULZE EISSING, Henning
2:40 PM	[195] An update on the LUX-ZEPLIN (LZ) experiment's search for dark matter	OLCINA, Ibles
3:00 PM	[113] Accidental Coincidence Background in XENONnT for Low Energy Nuclear Recoil Search	LIU, Kexin
3:20 PM	[159] Recent status and prospects of CDEX dark matter search at CJPL	YANG, Litao
3:40 PM	[143] The PICO-40L Direct Detection Experiment	CRANSHAW, Derek

Parallel 1: Direct detection (4:30 PM - 6:50 PM)

-Conveners: Paolo Agnes

time	[id] title	presenter
4:30 PM	[254] Status of DEAP-3600 experiment	ADHIKARI, Pushparaj
4:50 PM	[24] The LZ Outer Detector	USÓN, Alberto
5:10 PM	[100] The XENONnT Neutron Veto: performances without and with Gd-doping.	SELVI, Marco
5:30 PM	[225] The DarkSide-20k experiment	Mr AHMAD, Iftikhar
5:50 PM	[51] Low-radiactivity argon for dark matter searches and beyond	STEFANIZZI, Riccardo
6:10 PM	[115] Status and short term prospects of DArT, the Underground Ar measurement at Canfranc	PESUDO, Vicente

Tuesday, July 9, 2024

Parallel 1: Direct detection (2:00 PM - 4:00 PM)

-Conveners: Aldo Ianni

time	[id] title	presenter
2:00 PM	[207] Annual modulation results from DAMA/LIBRA	CERULLI, Riccardo
2:20 PM	[209] Status and prospects of the SABRE North experiment and NaI(Tl) crystal radiopurity	D'ANGELO, Davide
2:40 PM	[191] ANAIS-112: the most sensitive experiment to test the DAMA/LIBRA signal in a model independent way	COARASA CASAS, Iván
3:00 PM	[58] Dark Matter Annual Modulation Search in COSINE-100 Full Dataset and Beyond	LEE, SeungMok
3:20 PM	[118] A combined search for dark matter with COSINE-100 and ANAIS-112	HOLLICK, Sophia
3:40 PM	[196] The COSINUS dark matter search experiment	REINDL, Florian

Parallel 1: Direct detection (4:30 PM - 6:50 PM)

-Conveners: Carla Macolino

time	[id] title	presenter
4:30 PM	[35] The SABRE South Experiment at the Stawell Underground Physics Laboratory	BARBERIO, Elisabetta
4:50 PM	[204] Measurements of low energy nuclear recoil quenching factors for NaI(Tl) scintillating crystal	LEE, Seo Hyun
5:10 PM	[233] Dark matter search opportunities with NaI scintillating crystals using SiPMs at cryogenic temperatures	APILLUELO ALLUÉ, Jaime
5:30 PM	[135] ASTAROTH, an innovative detector for dark matter direct detection experiments	TOSO, Valerio
5:50 PM	[23] Opportunities at the Sanford Underground Research Facility	HEISE, Jaret
6:10 PM	[190] Boulby Underground Laboratory: Status update and future plans	SCOVELL, Paul
6:30 PM	[156] Seeking Dark Matter in the Southern Hemisphere with PAUL	MESSINA, Marcello

Wednesday, July 10, 2024

Parallel 1: Light Dark Matter (2:00 PM - 4:20 PM)

-Conveners: Paolo Agnes

time	[id] title	presenter
2:00 PM	[141] Direct Dark Matter search with the CRESST-III experiment: Status and Prospects	BERTOLINI, Anna
2:20 PM	[131] Updates and latest results of the SENSEI experiment	BOTTI, Ana Martina
2:40 PM	[138] Light Dark Matter searches with a next generation Spherical Proportional Counter	MANTHOS, Ioannis
3:00 PM	[33] Results with Low Background Chamber, a DAMIC-M prototype	Dr NORCINI, Danielle
3:20 PM	[251] The SuperCDMS experiment at SNOLAB	DHARANI, Sukeerthi
3:40 PM	[127] The ionization-signal-only analysis and results in PandaX-4T experiment	LI, Shuaijie
4:00 PM	[232] Towards discovery of hidden sector dark matter with liquid xenon TPCs	SORENSEN, Peter GIBBONS, Ryan

Thursday, July 11, 2024

Parallel 1: Direct detection (2:00 PM - 4:00 PM)

-Conveners: Elisabetta Baracchini

time	[id] title	presenter
2:00 PM	[18] Directional dark matter searches with the NEWSdm Experiment	ALEXANDROV, Andrey
2:20 PM	[22] First Directional Neutron Recoil Results from a 1 m ³ scale SF6 TPC Vessel with a Coupled MMThGEM-Micromegas Readout	MCLEAN, Alasdair
2:40 PM	[173] Status of NEWAGE: direction-sensitive dark matter search with low background micro-pattern gaseous TPC	HIGASHINO, Satoshi
3:00 PM	[210] The CYGNO experiment, a directional detector for direct Dark Matter searches	GASPAR MARQUES, David José
3:20 PM	[55] DMICA: exploring Dark Matter in natural muscovite MICA	HIROSE, Shigenobu
3:40 PM	[50] Dark Matter Searches with the LEGEND Experiment	WATKINS, Samuel

Parallel 1: Direct detection (4:30 PM - 6:50 PM)

-Conveners: Paolo Agnes

time	[id] title	presenter
4:30 PM	[194] Studying hydrogen-xenon mixtures for direct dark matter detection	WANG, Ann
4:50 PM	[52] Characterization of low energy argon recoils with ReD and ReD+	PANDOLA, Luciano
5:10 PM	[264] XLZD: A Next-Generation Liquid Xenon Observatory for Dark Matter & Neutrino Physics	BAUDIS, Laura
5:30 PM	[216] The DARWIN R&Ds towards the XLZD detector	CAPELLI, Chiara
5:50 PM	[36] Material assay campaign of the DarkSide-20k experiment	SANTORELLI, Roberto