



# EPS-HEP2021 conference

## Monday 26 July 2021

### T03: Dark Matter: Part 1 (10:00-12:00)

-Conveners: **Laura Lopez-Honorez**

time	[id] title	presenter
10:00	[81] Dark matter from evaporating Black Holes	MASINA, Isabella
10:20	[927] Dark matter and dark radiation from primordial black holes	AUFFINGER, Jérémy
10:40	[1008] Shining Light on Dark Matter with Black Holes	TAKHISTOV, Volodymyr
11:00	[177] Searches for dark matter with the ATLAS detector	BOSSIO, Jonathan
11:20	[322] Dark Matter searches in CMS	KHURANA, Raman
11:40	[789] New sensitivity of LHC measurements to Composite Dark Matter	CORPE, Louie

### T03: Dark Matter: Part 2 (14:15-16:15)

-Conveners: **Elisabetta Baracchini**

time	[id] title	presenter
14:15	[792] Results on Light Dark Matter investigation with CRESST-III	PATTAVINA, Luca
14:35	[798] Sub-MeV Dark Matter Searches with EDELWEISS: results and prospects	LATTAUD, Hugues
14:55	[250] Dark Matter with DAMA/LIBRA	BELLI, Pierluigi
15:15	[657] Annual modulation results from three-year exposure of ANAIS-112	SARSA, María Luisa
15:35	[1153] COSINUS: a NaI-based experiment for Dark Matter search	DI MARCO, Natalia
15:55	[82] Directional Dark Matter Search with NEWSdm	DE LELLIS, Giovanni

### T03: Dark Matter: Part 3 (16:30-18:30)

-Conveners: **Belina von Krosigk; Elisabetta Baracchini**

time	[id] title	presenter
16:30	[583] CYGNUS – Directional Identification of Nuclear and Electron Recoils from Dark Matter and Solar Neutrinos	BIGNELL, Lindsey
16:50	[454] The Cygno Experiment	CAVOTO, Gianluca
17:10	[740] Supernova signals of light dark matter	DEROCCO, William
17:30	[436] Direct detection of non-galactic light dark matter	HERRERA, Gonzalo
17:50	[761] eV-threshold Direct Dark Matter Searches	BAXTER, Daniel
18:10	[962] Status and Plans of SuperCDMS SNOLAB	LIU, Yan

# Tuesday 27 July 2021

## T03: Dark Matter: Part 4 (09:30-11:30)

-Conveners: M. Patrick Decowski

time	[id] title	presenter
09:30	[721] Dark Matter bound states inside the early Universe plasma	BINDER, Tobias
09:50	[961] String Fragmentation in Supercooled Confinement and implications for Dark Matter	GOUTTENOIRE, Yann
10:10	[473] Status of the LUX-Zeplin Detector	PENNING, Björn
10:30	[1150] The XENON Dark Matter Project	MASBOU, Julien
10:50	[544] Status of the DEAP-3600 Dark Matter Search at SNOLAB	OLIVIÉRO, Guillaume
11:10	[691] DarkSide-20k and the Future Liquid Argon Dark Matter Program	BOTTINO, Bianca

# Wednesday 28 July 2021

## T03: Dark Matter: Part 5 (09:30-11:30)

**-Conveners: Kallia Petraki**

time	[id] title	presenter
09:30	[848] DRAKE: Dark matter Relic Abundance beyond Kinetic Equilibrium	HRYCZUK, Andrzej
09:50	[1086] Cosmological imprints of non-thermalized dark matter	HEISIG, Jan
10:10	[499] Dissecting the inner Galaxy with gamma-ray pixel count statistics	CALORE, Francesca
10:30	[252] Circular polarisation of gamma rays as a probe of dark matter-cosmic ray electron interactions	CERMEÑO GAVILÁN, Marina
10:50	[513] Indirect Dark Matter Searches with the ANTARES and KM3NeT Neutrino Telescopes	LOPEZ-COTO, Daniel
11:10	[1066] Dark Matter Searches with the IceCube Neutrino Telescope	LAZAR, Jeffrey

# Thursday 29 July 2021

## **T03: Dark Matter: Part 6 (09:30-11:30)**

**-Conveners: M. Patrick Decowski**

time	[id] title	presenter
09:30	[202] Axion-Photon Conversion in Magnetospheres: The Role of the Plasma	WITTE, Samuel
09:50	[548] An even lighter QCD axion	QUILEZ LASANTA, Pablo
10:10	[571] Photophilic hadronic axion from heavy magnetic monopoles	SOKOLOV, Anton
10:30	[494] Search for Axion Dark Matter with the QUAX Haloscopes	GATTI, Claudio
10:50	[1154] Operations and Data Taking Status of ADMX	NITTA, Tatsumi
11:10	[713] Towards New Particle Discoveries: the ALPS-II Experiment Shines Soon*	HALLAL, Ayman

# Friday 30 July 2021

## T03: Dark Matter: Part 7 (09:30-11:30)

-Conveners: **Laura Lopez-Honorez; Belina von Krosigk**

time	[id] title	presenter
09:30	[672] B anomalies and muon g-2 from Dark Matter	CALIBBI, Lorenzo
09:50	[674] Dark Matter Searches at Belle II, Belle, and BaBar	CAMPAJOLA, Marcello
10:10	[127] Search for self-interacting dark matter with the BABAR detector	Prof. EIGEN, Gerald
10:30	[997] Dark matter searches at LHCb	MOMBÄCHER, Titus
10:50	[43] Search for a Dark Photon with the PADME experiment	SPAGNOLO, Stefania
11:10	[1151] The NA64 experiment searching for hidden sectors at the CERN SPS	CRIVELLI, Paolo