

ICHEP 2022

Thursday, July 7, 2022

Dark Matter - Room 11 (Magenta A) (9:00 AM - 10:45 AM)

-Conveners: Marco Selvi

time	[id] title	presenter
9:00 AM	[685] Thermal WIMPs and the Scale of New Physics	BENIWAL, Ankit
9:15 AM	[618] Updating constraints on the decaying dark matter scenario	ALVI, Shahbaz Nihal Ahmed
9:35 AM	[71] Post-Recombination Spectral Distortions from Dark Matter Energy Injection	QIN, Wenzer
9:50 AM	[55] Blazar-Boosted Dark Matter	Mr GRANELLI, Alessandro
10:10 AM	[1184] New Strategies and Targets for Probing of Velocity-Dependent Dark Matter Annihilation	KUMAR, Jason
10:25 AM	[350] Soft Scattering Evaporation of Dark Matter Subhalos by Inner Galactic Gases	LIN, Yugen

Dark Matter - Room 11 (Magenta A) (11:15 AM - 1:00 PM)

-Conveners: Marco Selvi

time	[id] title	presenter
11:15 AM	[373] Minimal Consistent Dark Matter Models for systematic Dark Matter exploration	BELYAEV, Alexander
11:30 AM	[437] Bound-state effects for dark matter models: from the relic density to experimental searches	BIONDINI, Simone
11:50 AM	[1361] Importance of Non-Perturbative Effects for the Exclusion or Discovery of Dark Matter Models	HARZ, Julia
12:05 PM	[1311] Accidental composite dark matter in SU(5)-GUT theories	VERMA, Sonali
12:25 PM	[1256] Dynamics of quarks and gauge fields in the lowest-energy states in QCD and QED	Prof. KOSHELKIN, Andrew
12:40 PM	[349] A fermionic portal to vector dark matter from new gauge sector	THONGYOI, Nakorn

Dark Matter - Room 11 (Magenta A) (2:30 PM - 4:30 PM)

-Conveners: Priscilla Pani

time	[id] title	presenter
2:30 PM	[297] The Higgs boson as a tool to search for Dark Matter in CMS	KHURANA, Raman
2:50 PM	[298] Search for Dark Matter with mono-X Signatures in CMS	KUMAR, Deepak
3:10 PM	[898] Dark Matter searches at LHCb	JOHNSON, Daniel
3:30 PM	[772] Searches for dark matter with the ATLAS detector	SAIMPERT, Matthias
3:50 PM	[809] Search for invisible particles produced in association with single-top-quarks with the ATLAS detector using Run-2 data	NAVARRO GONZÁLEZ, Josep

4:10 PM	[931] Recent dark-sector results at Belle II	GRAZIANI, Enrico
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Dark Matter - Room 11 (Magenta A) (5:00 PM - 7:00 PM)

-Conveners: Priscilla Pani

time	[id] title	presenter
5:00 PM	[18] The Light Dark Matter eXperiment, LDMX	HERDE, Hannah
5:20 PM	[1034] New approach to DM searches with mono-photon signature	MEKALA, Krzysztof
5:40 PM	[348] Phenomenology of the Dark Matter sector in the Two Higgs Doublet Model with Complex Scalar Singlet extension	DUTTA, Juhi
6:00 PM	[372] $(g-2)_{e,\mu}$ and strongly interacting dark matter with collider implications	KHAN, Sarif
6:20 PM	[321] Z'-mediated Majorana dark matter: complementarity of direct-detection and LHC searches	Dr FIASCHI, Juri
6:40 PM	[1013] Coscattering in micrOMEGAs: a case study for the singlet-triplet dark matter model	ALGUERO, Gaël

Friday, July 8, 2022

Dark Matter - Room 11 (Magenta A) (9:00 AM - 10:45 AM)

-Conveners: Priscilla Pani

time	[id] title	presenter
9:00 AM	[974] Sterile neutrino dark matter in the super-weak model	SELLER, Károly
9:15 AM	[1005] Leptogenesis from a feebly interacting dark matter sector	CHAND, Suresh
9:35 AM	[1291] Model independent bounds for elusive Dark Sectors at neutrino experiments	COSTA, Marco
9:50 AM	[424] Massive Gravitons as Feebly Interacting Dark Matter Candidates	LEE, Seung J.
10:10 AM	[1350] Explorations of pseudo-Dirac dark matter having keV splittings and interacting via transition electric and magnetic dipole moments	CHATTERJEE, Shiuli
10:25 AM	[1287] Closing the window on WIMP dark matter	BOTTARO, Salvatore

Dark Matter - Room 11 (Magenta A) (2:30 PM - 4:30 PM)

-Conveners: koun choi

time	[id] title	presenter
2:30 PM	[334] Multi-messenger constraints on the dark matter interpretation of the Fermi-LAT Galactic center excess	DI MAURO, Mattia
2:50 PM	[702] Search for Gamma-ray Spectral Line emission from Dark Matter Annihilation up to 100 TeV towards the Galactic Centre with MAGIC	Dr INADA, Tomohiro
3:10 PM	[736] Towards Understanding the Origin of Cosmic-Ray Positrons	KRASNOPEVTSEV, Dimitrii
3:30 PM	[845] Antiproton Flux and Properties of Elementary Particle Fluxes in Primary Cosmic Rays Measured with the Alpha Magnetic Spectrometer on the ISS	CHOU, Hsin-Yi
3:50 PM	[1181] Search for dark matter signatures in ANTARES neutrino data	GOZZINI, Sara Rebecca
4:10 PM	[1386] dark matter searches in the centre of the Milky Way with IceCube	Dr IOVINE, Nadège

Dark Matter - Room 11 (Magenta A) (5:00 PM - 7:00 PM)

-Conveners: koun choi

time	[id] title	presenter
5:00 PM	[278] In Search of Cosmic-Ray Antinuclei from Dark Matter with the GAPS Experiment	XIAO, Mengjiao
5:20 PM	[140] The dark side of ALICE: from antinuclei interactions to dark matter searches in space	COLOCCI, Manuel
5:40 PM	[1087] Re-Analysis of 3.5 keV line	PARK, Yujin
6:00 PM	[91] Signatures of leptophilic t-channel dark matter from active galactic nuclei	Dr CERMEÑO GAVILÁN, Marina
6:20 PM	[595] Capture of DM in Compact Stars	BUSONI, Giorgio
6:40 PM	[1312] Indirect search for sub-GeV dark matter with neutrino telescopes	OKAWA, Shohei

Saturday, July 9, 2022

Dark Matter - Room 11 (Magenta A) (9:00 AM - 10:45 AM)

-Conveners: Marco Selvi

time	[id] title	presenter
9:00 AM	[402] Sub-GeV Dark Matter search with CRESST-III	PATTAVINA, Luca
9:20 AM	[799] Searching for Sub-GeV Dark Matter with SENSEI	BOTTI, Ana Martina
9:40 AM	[1021] Status of the DAMIC-M dark matter experiment	CASTELLO-MOR, Nuria
10:00 AM	[325] Searching for Light Dark Matter with Aligned Carbon Nanotubes: the ANDROMeDa Project	CAVOTO, Gianluca
10:20 AM	[423] NEWS-G searches for light dark matter: Results with a hydrogen-rich target	NIKOLOPOULOS, Konstantinos

Dark Matter - Room 11 (Magenta A) (11:15 AM - 1:00 PM)

-Conveners: Marco Selvi

time	[id] title	presenter
11:15 AM	[474] Update on dark matter searches after five years of data taking in NaI crystals at COSINE-100	NEAL, Robert
11:35 AM	[442] Status and prospects for SABRE North	Dr TOMEI, Claudia
11:55 AM	[937] The COSINUS dark matter search with cryogenic NaI detectors	EINFALT, Leonie
12:15 PM	[47] The NEWSdm experiment for directional dark matter searches	ASADA, Takashi
12:35 PM	[1024] The CYGNUS Galactic Directional Recoil Observatory	BARACCHINI, Elisabetta

Dark Matter - Room 11 (Magenta A) (2:30 PM - 4:30 PM)

-Conveners: koun choi

time	[id] title	presenter
2:30 PM	[1073] Latest results from DEAP-3600	MCLAUGHLIN, Joseph
2:50 PM	[868] DarkSide-20k and the Future Liquid Argon Dark Matter Program	WANG, Yi
3:10 PM	[327] Status of the XENONnT dark matter experiment	DI GANGI, Pietro
3:30 PM	[1056] The LUX-ZEPLIN (LZ) experiment	COTTLE, Amy
3:50 PM	[697] Recent progress and plan of PandaX experiment	LIN, Qing
4:10 PM	[701] Dark matter search to the limits: the DARWIN experiment	MACOLINO, Carla

Dark Matter - Room 11 (Magenta A) (5:00 PM - 7:00 PM)

-Conveners: koun choi

time	[id] title	presenter
5:00 PM	[1067] Searching for dark matter with the PICO bubble chambers	VAZQUEZ-JAUREGUI, Eric
5:20 PM	[1375] Latest Results from the PROSPECT Reactor Antineutrino Experiment Including Limits on Sub-GeV Boosted Dark Matter	WEATHERLY, Pierce

5:40 PM	[14] Xenon-1T excess as a possible signal of a sub-GeV hidden sector dark matter	KLASEN, Michael
6:00 PM	[1102] MIGDAL: Towards an unambiguous observation of the Migdal effect in nuclear scattering	KATSIOULAS, Ioannis
6:20 PM	[1300] Dark Matter Data Center	BANERJEE, Heerak