

SUSY24: The 31st International Conference on Supersymmetry and Unification of Fundamental Interactions

Monday, June 10, 2024

Dark matter, astroparticles and gravitational waves (3:05 PM - 4:47 PM)

time	[id] title	presenter
3:05 PM	[88] Dark Matter-Baryon Coincidence from Dark Grand Unification	CHUNG, Yi
3:22 PM	[98] Dark Matter production after Inflaton Fragmentation	BARRETO BASAVE, Francisco
3:39 PM	[143] Exploring Supersymmetry Parameter Space for heavy neutralino as Dark Matter: A Comparative Study between MSSM and NMSSM.	TORRES RODRÍGUEZ, Edgard Elías
3:56 PM	[178] Precision calculation of relic abundance for two-component dark matter produced out-of-kinetic-equilibrium	CHATTERJEE, Shiuli
4:13 PM	[181] Status of sub-GeV dark matter	Dr GONZALO, Tomas
4:30 PM	[193] Coscattering in the Extended Singlet-Scalar Higgs Portal	Dr LAHIRI, Jayita

Dark matter, astroparticles and gravitational waves (5:10 PM - 6:52 PM)

time	[id] title	presenter
5:10 PM	[43] Searches for Dark Matter with the ATLAS Experiment at the LHC	BARROS, Maura
5:27 PM	[116] Searches for dark matter with CMS	CAGNOTTA, Antimo
5:44 PM	[93] Classes of complete dark photon models constrained by Z-Physics	HABER, Howard
6:01 PM	[125] LHC Constraints on Dark Matter Models with SModelS v3	Dr SÁNCHEZ VILLAMIZAR, Yoxara
6:18 PM	[188] Constraining Asymmetric Dark Matter using Colliders and Direct Detection	Prof. GUCHAIT, Monoranjan
6:35 PM	[190] Dark Particles at the LHC: LHC-Friendly Dark Matter Characterization via Non-Linear EFT	CABO ALMEIDA, David

Tuesday, June 11, 2024

Dark matter, astroparticles and gravitational waves (3:05 PM - 4:45 PM)

time	[id] title	presenter
3:05 PM	[67] DIRECT SEARCHES FOR DARK MATTER: STATUS AND PROSPECTS. Down to the neutrino floor while solving the DAMA/LIBRA puzzle.	SARSA, María Luisa
3:35 PM	[182] Updated results on annual modulation with three years of data from ANAIS-112, present status and prospects	COARASA CASAS, Iván
3:52 PM	[105] Multiphonon Processes in Spin-Dependent Dark-Matter Scattering	SUTER, Bethany
4:09 PM	[146] Theoretical upper bounds on the dark matter-electron scattering rate in the generalised susceptibility formalism	IGLICKI, Michał
4:26 PM	[169] Modular tool for bayesian analysis with Machine Learning in DM Direct Detection	Dr PEREZ, Andres Daniel

Thursday, June 13, 2024

Dark matter, astroparticles and gravitational waves (3:05 PM - 4:47 PM)

time	[id] title	presenter
3:05 PM	[59] Imprint of inflationary gravitational waves and WIMP dark matter in pulsar timing array data	JYOTI DAS, Suruj
3:22 PM	[127] Ultra Slow Roll with Non-perturbative Non-Gaussianity and Scalar Induced Gravitational Waves	WANG, Chenhuan
3:39 PM	[141] Revisiting Metastable Cosmic String Breaking	CHITOSE, Akifumi
3:56 PM	[165] Probing SUSY at Gravitational Wave Observatories	SAAD, shaikh
4:13 PM	[203] Identifying the origin of the GWB with anisotropy searches	MITRIDATE, Andrea

Friday, June 14, 2024

Dark matter, astroparticles and gravitational waves (10:00 AM - 11:42 AM)

time	[id] title	presenter
10:00 AM	[153] Small Instanton Effects on Composite Axion Mass	AOKI, Takafumi
10:17 AM	[149] Bubble misalignment mechanism for axions	Mr LEE, Junseok
10:34 AM	[138] Misalignment production of vector boson dark matter from axion-SU(2) inflation	Dr MURAI, Kai
10:51 AM	[108] Gamma rays from Neutralino annihilation in the 2020s	VOLLMANN, Martin
11:08 AM	[124] Prospects of nuclear-coupled-dark-matter detection via correlation spectroscopy of ^{22}Ne and ^{44}Ca	Dr MADGE PIMENTEL, Eric
11:25 AM	[133] BBN photodisintegration limits on relics decaying into neutrinos.	BIANCO, Sara