

The XXIX International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY 2022)

Monday, 27 June 2022

Particle cosmology: Theory and Experiment - Room on ground floor (16:00 - 19:20)

-Conveners: Leandros Perivolaropoulos; Vassilis Spanos

time	[id] title	presenter
16:00	[105] Low-mass dark matter in the complex NMSSM	Dr MUNIR, Shoaib
16:20	[33] Amplification and oscillations in the power spectrum from features in the potential of single-field inflation	KODAXIS, George
16:40	[50] Testing the mean field description of scalar field dark matter	EBERHARDT, Andrew
17:00	[54] Dark Matter Data Center	Mr BANERJEE, Heerak
17:20	[68] Light thermal dark matter and its possible probes	CHAKRABORTI, Sreemanti
17:40	[77] Primordial black holes and Gravitational waves from inflationary models based on supergravity.	STAMOU, Ioanna
18:00	[58] Novel Quark Dark Matter from Broken Twin Color	VERHAAREN, Christopher
18:20	session end	

Wednesday, 29 June 2022

Particle cosmology: Theory and Experiment - Main Auditorium (16:00 - 18:40)

-Conveners: Nicolaos Toumbas

time	[id] title	presenter
16:00	[126] How to produce observable primordial gravitational waves	Dr DIMOPOULOS, Konstantinos
16:20	[107] Heterodyne Detection of Axion Dark Matter in an RF Cavity	ELLIS, Sebastian
16:40	[116] Supersymmetry and dark matter extensions of Higgs-R2 model	AOKI, Shuntaro
17:00	[121] Axion dark matter from frictional misalignment	PAPAGEORGIOU, Alexandros
17:20	[11] No-scale hybrid inflation with broken R-symmetry	ELSAYED MOURSRY, Ahmad
17:40	[185] Status of the LUX-ZEPLIN (LZ) Experiment	RISCHBIETER, Gregory
18:00	session end	

Friday, 1 July 2022

Particle cosmology: Theory and Experiment - Main Auditorium (16:00 - 19:40)

-Conveners: Konstantinos Dimopoulos

time	[id] title	presenter
16:00	[31] A Dark Matter WIMP That Can Be Detected and Definitively Identified with Currently Planned Experiments	ALLEN, Roland
16:20	[24] Capture of DM in Compact Stars	BUSONI, Giorgio
16:40	[22] Cosmological Stasis in the Early Universe	Dr HEURTIER, Lucien
17:00	[15] Dark matter freeze-out and freeze-in beyond kinetic equilibrium	HRYCZUK, Andrzej
17:20	[12] Electroweak Phase Transition in the Z_3 -invariant NMSSM Implications of LHC and Dark matter Searches and Prospects of Detecting the Gravitational Waves	ROY, Subhojit
17:40	[9] Imprint of the Seesaw Mechanism on Feebly Interacting Dark Matter and the Baryon Asymmetry	Dr ROSHAN, Rishav
18:00	[8] Dark sector freeze-out due to a non-Boltzmann suppression	GANGULY, Sougata
18:20	[6] Searches for baryon number violation in free neutron transformations at the European Spallation Source	MEIROSE, Bernhard
18:40	[81] PBHs and GWs from an early matter era	Dr DALIANIS, Ioannis
19:00	session end	