

19th Patras Workshop on Axions, WIMPs and WISPs

Tuesday, 17 September 2024

Afternoon 2: Session 2 (14:15 - 16:25)

-Conveners: Gray Rybka

time	[id] title	presenter
14:15	[36] Recent Results from the XENONnT Experiment	GUIDA, Matteo
14:35	[39] Recent Advances of Dark Matter Search from COSINE-100	YU, Gyunho
14:55	[40] Results from the ALPS II first science campaign	SPECTOR, Aaron
15:15	[37] Maglev for Dark Matter	KALIA, Saarik
15:35	[38] Approaching the Quantum Limit in Axion Detection at IBS/CAPP	UCHAIKIN, Sergey
15:55	Coffee Break 4	

Afternoon 2: Poster 2 (16:25 - 17:40)

-Conveners: Theopisti Dafni

time	[id] title	presenter
16:25	[95] Vortex Stability in Ultralight Scalar Solitons	MIRASOLA, Anthony
16:30	[84] Cosmological bounds on three scenarios of axion-like particles and condensates from non-equilibrium QFT	Mr FAVITTA, Amedeo Maria
16:35	[86] Precision Multi-Mode Microwave Characterisation of Single Crystal Calcium Tungstate for Dark Matter Searches	Dr HARTMAN, Elrina
16:40	[25] Supernova axion emissivity with Δ (1232) resonance in heavy baryon chiral perturbation theory	HO, Shu-Yu
16:45	[2] Detectable Vector Dark Matter	CYNCYNATES, David
16:50	[76] Quantum Sensors for the Hidden Sector	BAILEY, Ian
16:55	[13] ALPs decay in the cosmic background	PORRAS BEDMAR, Sara
17:00	[21] Majoron as a simultaneous origin of baryogenesis and dark matter	Prof. CHUN, Eung Jin Chun
17:05	[75] MADMAX Data Acquisition and Calibration	OEZ, Erdem
17:10	[3] Axions, Neutrinos, and Rare Decay Anomaly of Belle-II	Dr NATH, Newton
17:15	[22] High-mass axion searches with novel cavity designs at IBS-CAPP	BAE, SungJae
17:20	[10] Search for dark photon dark matter using large-scale superconducting quantum computers as detectors	CHEN, Shion
17:25	[59] ADMX-VERA: A large volume haloscope for higher axion frequencies	YI, Andrew
17:30	[103] Optimisation of the signal to noise ratio in haloscope detectors.	HIPP, Alexander TANNER, David
17:35	[82] Search for Axion Quark Nuggets at the LHC	RUIMI, Ophir