

19th Patras Workshop on Axions, WIMPs and WISPs

Monday, 16 September 2024

Afternoon: Session 1 (14:15 - 16:25)

time	[id] title	presenter
14:15	[17] Search for Ultralight DM with SNIPE Hunt Experiment.	KRYEMADHI, Abaz
14:35	[18] The Beehive Haloscope: A Strongly Coupled, Phase-Coherent Cavity Array for Axion Detection	WITHERS, Matthew
14:55	[19] Searching for dark matter with a 1000 km baseline interferometer	GAVILÁN MARTÍN, Daniel
15:15	[16] Probing Axions and Axion Like Particles through Cosmic Axion Spin Precession Experiment- High-field	UNNI, Malavika
15:35	[65] Fundamental Physics Search with SRF Cavities (SHANHE Collaboration)	CHEN, Yifan
15:55	Coffee Break 2	

Afternoon: Poster 1 (16:25 - 17:20)

time	[id] title	presenter
16:25	[43] Background Discrimination for the TES-Based Detection System of ALPS II: Machine Learning and A Cryogenic Optical Filter Bench	RIVASTO, Elmeri
16:30	[31] SERAPH: Dark Matter Searches with SRF Cavities and Transmon Qubits	CERVANTES, Raphael
16:35	[23] Axion Production in Highly Magnetized Astrophysical Plasmas	PRABHU, Anirudh
16:40	[45] Search for dark photons around 34.4 μeV using direct excitations of superconducting qubits	WATANABE, Karin
16:45	[48] Axion streams and implications for haloscopes	PIEROBON, Giovanni
16:50	[55] An idea to measure the arrival direction of wavy dark matter using the Moon	Prof. TAJIMA, Osamu
16:55	[52] Status of DOSUE-RR Experiment for Dark Photon Dark Matter Search at $m_{\text{DP}} \sim 1, \text{meV}$	HANIMURA, Keigo
17:00	[51] Quantum sensors for RADES haloscopes	DÍEZ IBÁÑEZ, David
17:05	[46] Towards axion searches using superconducting qubits	NITTA, Tatsumi
17:10	[78] A Machine Learning Approach for Dark Matter Search Analysis: From Savitzky-Golay to Autoencoder	ÖZBOZDUMAN, Kaan