

Workshop on Very Light Dark Matter 2023

Tuesday, March 28, 2023

Morning session-1 (11:05 AM - 12:45 PM)

-Conveners: Ippei Obata

time	[id] title	presenter
11:05 AM	[27] Dark Matter and Quantum Gravity	NOUMI, Toshifumi
11:45 AM	[14] Fuzzy Vector Dark Matter	LOZANOV, Kaloian
12:05 PM	[5] Production of very light dark photon dark matter	KITAJIMA, Naoya
12:25 PM	[6] Stability of domain wall network with initial inflationary fluctuations, and its implications for cosmic birefringence	GONZALEZ, Diego

Wednesday, March 29, 2023

Morning session-1 (9:00 AM - 10:20 AM)

-Conveners: Elisa Ferreira

time	[id] title	presenter
9:00 AM	[26] Stochastic Properties of Ultralight Scalar Fields	LISANTI, Mariangela
9:40 AM	[1] Gravitational impact of Supernovae in Ultra-light Axion Dark Matter halos	H. ROBLES, Victor
10:00 AM	[3] Tidal Love numbers for environmental black-hole mergers	DE LUCA, Valerio

Thursday, March 30, 2023

Morning session-1 (9:00 AM - 10:20 AM)

-Conveners: Nagisa Hiroshima

time	[id] title	presenter
9:00 AM	[31] Multi-prong searches for light dark matter	AGGARWAL, Nancy
9:40 AM	[20] Bounds on Long-lived Dark Matter Mediators from Neutron Stars	NGUYEN, Thong
10:00 AM	[21] Sub-GeV dark matter search at ILC beam dumps	UEDA, Daiki