

15th Patras Workshop on Axions, WIMPs and WISPs

Tuesday 4 June 2019

Poster 1 - Main Lecture Hall (14:15 - 17:10)

-Conveners: Marc Schumann

time	[id] title	presenter
14:15	[24] Gravitational waves from Standard Model*Axion*Seesaw*Higgs portal inflation	SAIKAWA, Ken'ichi
14:20	[86] ALPS-II cavity control with a surrogate field: model and experiment	Dr WEI, Li-Wei
14:25	[75] Discovering Axions by Studies of the Breit-Wheeler Process	Ms WU, Wei
14:30	[20] CAST-CAPP Detector Project	Mr OZBOZDUMAN, Kaan Mr MAROUDAS, Marios
14:35	[8] the Advanced Axion Dark Matter detector	Dr TANNER, David
14:40	[33] Broadening Frequency Range of a Ferromagnetic Axion Haloscope with Strongly Coupled Cavity-Magnon Polaritons	Mr FLOWER, Graeme
14:45	[37] GridPix detectors from CAST to IAXO	Mr SCHIFFER, Tobias
14:50	[44] Towards the development of the ferromagnetic haloscope: status report of QUAX	Mr CRESCINI, Nicolò
14:55	[71] Tuning Axion Haloscopes with Non-Linear Dielectric Materials	SONNENSCHN, Andrew
15:00	[59] Proof-of-principle booster setup for the MADMAX dielectric haloscope	Mr KNIRCK, Stefan
15:05	[49] Radiopure electronics for the Micromegas detector for IAXO	Mr COGOLLOS, Cristian
15:10	[42] The CAST/RADES project progress: electrical tuning ideas and a new 30 sub-cavities axion detector design	Mr GARCÍA BARCELÓ, Jose María
15:15	[76] Searches for weakly coupling sub-eV Dark Matter at ELI-NP	Dr ROSU, Madalin-Mihai
15:20	[65] The 1m Prototype for the 'Any Light Particle Search' (ALPS) experiment	Mr KARAN, Kanioar
15:25	[38] CAST: Mechanical tuning of RADES microwave cavities	GOLM, Jessica
15:30	[64] 3D effects in dielectric haloscopes and dish antennas	SCHUETTE-ENGEL, Jan
15:35	[73] Heterodyne detection in the ALPS II experiment	Dr TANNER, David
15:40	[91] Gravitational imprints of monodromic axions	Mr CHATRCHYAN, Aleksandr
15:45	[100] A Search for Solar Axions via the Resonant Absorption by Atomic Nuclei	Mr UNZHAKOV, Evgeniy
15:50	[101] Search for hidden-photon dark-matter with FUNK	Mr ANDRIANAVALOMAHEFA, Arnaud