

17th Patras Workshop on Axions, WIMPs and WISPs

Monday, 8 August 2022

Contributed talks: I (10:00 - 10:40)

-Conveners: Dmitry Budker

time	[id] title	presenter
10:00	[103] Preliminary results for DFSZ axion definitive searches at IBS-CAPP	Mr YI, Andrew Kunwoo
10:20	[64] Hunting for axions and axion-like particles with the nEDM and n2EDM experiments at PSI	ZIEHL, Nathalie ON BEHALF OF THE N2EDM COLLABORATION

Contributed talks: II (11:10 - 12:30)

-Conveners: Le Hoang Nguyen

time	[id] title	presenter
11:10	[24] Status of the FASER Experiment at the LHC	SCHOTT, Matthias
11:30	[108] Proposals for searches of scalar field dark matter using cavity resonators	SAMSONOV, Igor FLAMBAUM, Victor
11:50	[101] WISPLC: Search for Dark Matter with LC Circuit	ZHANG, Zhongyue GHOSH, Oindrila
12:10	[2] Supax - A new superconducting axion search experiment @ Mainz	SCHMIEDEN, Kristof

Tuesday, 9 August 2022

Contributed talks: III (09:40 - 10:40)

-Conveners: Manuel Meyer

time	[id] title	presenter
09:40	[136] DarkSide Status	HARAŃCZYK, Małgorzata
10:00	[52] Axion dark matter search results around 9.5 μeV at CAPP with a high-temperature superconducting cavity	AHN, Danho
10:20	[125] COSINUS and NaI-based Dark Matter Experiments	ZEMA, Vanessa

Contributed talks: IV (11:10 - 12:30)

-Conveners: Maria Simanovskaia

time	[id] title	presenter
11:10	[47] First results for searches of exotic decays with NA62 in beam-dump mode	KLEIMENOVA, Alina
11:30	[77] Status of the ALPS II Experiment	OTHMAN, Gulden
11:50	[17] WISPF1: Searching for ALPs-Photon conversion on fiber interferometer	BATLLORI BERENGUER, Josep Maria Mr GU, Yikun
12:10	[132] Xenon Status	WENZ, Daniel

Wednesday, 10 August 2022

Contributed talks: V (09:40 - 10:40)

-Conveners: Fritz Caspers

time	[id] title	presenter
09:40	[138] Planetary relationships as the new signature in astroparticle physics	Prof. ZIOUTAS, Konstantin
10:00	[21] Quark Nugget Dark Matter: hunter's guide	SAMSONOV, Igor
10:20	[98] Latest results on dark matter axions with CAST-CAPP	MAROUDAS, Marios

Contributed talks: VI (11:10 - 12:30)

-Conveners: Wolfgang Funk

time	[id] title	presenter
11:10	[31] LZ status	FRUTH, Theresa
11:30	[29] Status update of the axion helioscope BabyIAXO	SCHIFFER, Tobias
11:50	[26] BREAD: Broadband Reflector Experiment for Axion Detection - Towards GHz and Infrared Pilot Experiments	KNIRCK, Stefan
12:10	[80] The quantum limits on magnetic resonance searches for axion-like dark matter	SUSHKOV, Alex

Thursday, 11 August 2022

Contributed talks: VII (09:40 - 10:40)

-Conveners: Abaz Kryemadhi

time	[id] title	presenter
09:40	[110] Progress on the Axion Resonant InterAction Detection Experiment (ARIADNE) - REMOTE	GERACI, Andrew
10:00	[83] Advances in searching for galactic axions with a Dielectric Haloscope (MADMAX)	GARDIKIOTIS, Antonios
10:20	[48] A Visible QCD Axion Explanation of the XENON1T Excess and of $(g-2)_\mu$	Mr ARMANDO, Giovanni

Contributed talks: VIII (11:10 - 12:30)

-Conveners: Sebastian Schenk

time	[id] title	presenter
11:10	[5] T-RAX: Transversely Resonant Axion eXperiment	LEE, Chang
11:30	[90] Probing the axion gradient-coupling with nuclear magnetic resonance spectroscopy	BEKKER, Hendrik
11:50	[12] Searching for Wavelike Dark Matter with SRF Cavities	CERVANTES, Raphael
12:10	[28] First results of the DOSUE-RR experiment - search for dark photon CDM in the mass range $74 - 110 \mu\text{eV}/c^2$	TAJIMA, Osamu

Contributed talks: IX (14:30 - 15:10)

-Conveners: Gray Rybka

time	[id] title	presenter
14:30	[62] Status of the QUAX experiment	BRAGGIO, Caterina
14:50	[82] New Axion Dark Matter Search Techniques	TOBAR, Michael

Contributed talks: X (16:10 - 17:10)

-Conveners: Felix Yu

time	[id] title	presenter
16:10	[33] The fat tails of axion-photon mixing	MARSH, M.C. David
16:30	[20] Updated Results from HAYSTAC's Quantum-Enhanced Search for Dark Matter Axions - REMOTE	Dr JEWELL, Michael
16:50	[72] The Sensitivity of Spin-Precession Axion Experiments	LEEDOM, Jacob

Friday, 12 August 2022

Contributed talks: XI (09:00 - 10:40)

-Conveners: Caterina Braggio

time	[id] title	presenter
09:00	[139] ADMX results	RYBKA, Gray
09:20	[58] Radiometric broadband searches for light dark matter with BRASS-p	NGUYEN, Le Hoang
09:40	[126] Status and new results of the CRESST Experiment	FUCHS, Dominik
10:00	[45] Bounds on diffuse supernova axion flux with \$Fermi\$-LAT	SIVO, Francesco
10:20	[37] Electromagnetic couplings of axions	SOKOLOV, Anton

Contributed talks: XII (11:10 - 12:10)

-Conveners: Georg Raffelt

time	[id] title	presenter
11:10	[133] DARWIN Status	BROWN, Adam
11:30	[13] Constraining Warm Dark Matter and Pop III stars with the Global 21-cm Signal	HIBBARD, Joshua
11:50	[11] Friendship in the Axiverse	THOMPSON, Jedidiah