

10th PATRAS Workshop on Axions, WIMPs and WISPs

Monday, 30 June 2014

Morning session - 222/R-001 (09:00 - 12:50)

-Conveners: Konstantin Zioutas; Axel Lindner

time	[id] title	presenter
09:00	[22] Welcome	HEUER, Rolf
09:15	[23] Review on LSW with lasers	JANUSCHEK, Friederike
09:45	[33] DRIFT and Techniques to Measure the WIMP Wind Direction	SPOONER, Neil
10:05	[30] Status of ADMX	ROSENBERG, Leslie
10:25	Coffee break	
10:55	[24] Intermediate scale accidental Axion	GOMES DIAS, Alex
11:20	[26] Distinguishing Axions from generic light scalars using EDM and Fifth-Force Experiments	MANTRY, Sonny
11:45	[28] Resonance enhancement in axion tube-experiments	HONG, Jooyoo
12:05	[25] Dark sector searches at CAST with a novel opto-mechanical force sensor	CANTATORE, Giovanni
12:25	[107] Last Results from the OSQAR "Light Shining Through a Wall" Experiment	PUGNAT, Pierre

Tuesday, 1 July 2014

Morning session: Morning session - 222/R-001 (09:00 - 12:35)

-Conveners: yannis Semertzidis; Giovanni Cantatore

time	[id] title	presenter
09:00	[46] AXION BEC II	SAIKAWA, Kenichi
09:20	[42] AXION BEC I	DAVIDSON, Sacha
09:40	[48] Constraints on Self Interacting Dark Matter from IceCube Results	ALBUQUERQUE, Ivone
10:00	[49] Astroparticles and Extra Dimensions	NICOLAIDIS, Argyris
10:20	Coffee break	
10:50	[50] Large LAr TPCs	Dr KRESLO, Igor
11:10	[45] An InGrid based low energy X-ray detector	KRIEGER, Christoph
11:30	[58] Cosmologically probing ultra-light particle DM using 21 cm signals	MAO, Yi
11:55	[53] Direct Dark matter search with the Edelweiss experiment	KOZLOV, Valentin
12:15	[109] Sterile neutrino Dark Matter	BOYARSKY, Alexey

Wednesday, 2 July 2014

Morning session: Morning session - 503/1-001 - Council Chamber (09:00 - 11:40)

-Conveners: Oliver Baker; Igor Garcia Irastorza

time	[id] title	presenter
09:00	[61] U(1)s from String Theory	KIRITSIS, Elias
09:25	[62] GeV neutrinos & proton beam dump	SHAPOSHNIKOV, Mikhail
09:45	[85] CAST as antenna for relics?	Prof. HOFFMANN, Dieter
10:05	Coffee break	
10:35	[63] A new cavity proposal	RYBKA, Gray
11:00	[65] Status of CAST and Solar Chameleon searches	VAFEIADIS, Theodoros
11:20	[54] Search for a Higgs portal to the dark sector in ATLAS	Prof. BAKER, Oliver

Thursday, 3 July 2014

Morning session: Morning session - 503/1-001 - Council Chamber (09:00 - 12:45)

-Conveners: Laura Baudis; Marc Schumann

time	[id] title	presenter
09:00	[70] Planck	LESGOURGUES, Julien
09:35	[66] Constraining minimal $U(1)_{B-L}$ model from dark matter observations	BASAK, Tanushree
09:55	[67] Sensitivity of H.E.S.S. II and the Cherenkov Telescope Array to detect photon-axion-like particle oscillations in different magnetic fields at high gamma-ray opacities	Dr MEYER, Manuel
10:15	[104] WISPs in BBN	DAGNOLO, Raffaele Tito
10:35	Coffee break	
11:05	[71] Measuring the Effectiveness of Effective Field Theories of Dark Matter (Using EFTs when interpreting LHC DM results)	JACQUES, Thomas David
11:25	[72] KamlandZEN	DECOWSKI, Patrick
11:45	[73] SuperCDMS	DI STEFANO, Philippe
12:05	[74] The Majorana Low-Background Experiment at KURF (MALBEK)	HENNING, Reyco
12:25	[80] IAXO perspectives for Solar WISP searches	GARCIA IRASTORZA, Igor

Friday, 4 July 2014

Morning session: Morning session - 503/1-001 - Council Chamber (09:00 - 12:30)

-Conveners: Giovanni Cantatore

time	[id] title	presenter
09:00	[93] First sensitivity limits of the ALPS TES detector	DREYLING-ESCHWEILER, Jan
09:20	[92] GRANIT: short range forces with UCN	NESVIZHEVSKY, Valery
09:40	[88] Electroweak corrections to dark matter annihilation	KRAMER, Michael
10:00	[76] Resonant axion force detection with NMR	ARVANITAKI, Asimina
10:20	Coffee break	
10:50	[99] Recent results in Neutrino Astronomy	MONTARULI, Teresa
11:10	[108] Darkside	SALDANHA, Richard
11:30	[69] Physics Activities at the Center for Axion and Precision Physics Research in Korea (Korean Axion Research Activities)	SEMERTZIDIS, Yannis
11:50	[95] Closure	