

8th Patras Workshop on Axions, WIMPs and WISPs

	Wednesday	Thursday	Friday	Saturday	Sunday	
8:00:00 AM	Coffee, Tea, and Fresh Fruit available	Coffee, Tea, and Fresh Fruit available	Boarding at 8:15 am	Coffee, Tea, and Fresh Fruit available	Coffee and Fresh Fruit available	
8:25:00 AM						
8:30:00 AM	Welcome	HIRAIDE, Katsuki, Status of the XMASS experiment	Bus to Fermilab DEPARTS at 8:30	YANG, Qiaoli, Axion BEC: a model beyond Cold Dark Matter	GUO, Wei, A Concept for a Dark Matter Detector Using Superfluid Helium-4	
8:35:00 AM						
8:40:00 AM	Hidden Sector Photons, Axions, and WISPs (Rouven Essiq)	DAVOUDIASL, Hooman, Implications of the Dark Z		WEINBERG, Marc, Recent results from a search for Dark Matter production in the CMS experiment	RUZ ARMENDARIZ, Jaime, Constraints on axion-electron coupling for non-hadronic models with CAST	
8:45:00 AM						
8:50:00 AM						
8:55:00 AM						
9:00:00 AM	MALIK, Sarah, CMS Physics Results	DöBRICH, Babette, Tree-level photon interaction for ALPS-II and beyond		Bus to Fermilab DEPARTS at 8:30	GILL, Ramandeep, Constraints on axion-like particles from magnetic white dwarfs	VOGEL, Julia, NuStar
9:05:00 AM						
9:10:00 AM						
9:15:00 AM	AVIGNONE, Frank, Towards zero-bkgd neutrino-less 2-beta decay with CUORE	JONES, Benjamin, Neutrino Physics in 2012		Bus to Fermilab DEPARTS at 8:30	LIU, Yang, Search for the dark photon at Belle	VOGEL, Julia, IAXO
9:20:00 AM						
9:25:00 AM						
9:30:00 AM						
9:35:00 AM	Announcements		Welcome by the Directorate		Discussion	
9:40:00 AM						
9:45:00 AM	Break	Break	ADMX (Karl Van Bibber)	Break	Break	
9:50:00 AM						
9:55:00 AM	Phenomenology of direct WIMP detection (Paolo Gondolo)	Interferometry as a probe of quantum geometry (Craig Hogan)	Welcome by the Directorate	BETZ, Michael, Status report and first results of the microwave LSW experiment at CERN	VALLET, Jean-Claude, Why not include TOKAMAKs in the quest for exotic particles?	
10:00:00 AM						
10:05:00 AM						
10:10:00 AM						
10:15:00 AM	MEYER, Manuel, Indications for a low opacity Universe at high energies	ANDREAS, Sarah, Dark Forces in Hidden Sectors and in connection with Dark Matter	Group Photo and Coffee Break	SULC, Miroslav, Laser-based Experiment OSQAR	VAZQUEZ-JAUREGUI, Eric, Bubble Chambers for Direct Dark Matter Searches in COUPP	
10:20:00 AM						
10:40:00 AM						
10:45:00 AM	MEYER, Manuel, Signatures of ALPs from conversions of intra-cluster gamma-rays	MALAGON, Ana / SLOCUM, Penny, Recent Work with the Yale Microwave Cavity Experiment	NELSON, Robert, CDMS Update	PENNING, Bjoern, Search for DM with mono-jet plus missing Et with ATLAS	WENIGER, Christoph, Tentative observation of a gamma-ray line at the Fermi-LAT	
10:50:00 AM						
10:55:00 AM	FLEISCHER, Frank, Searching for new interactions and particles using torsion balances	STEFFEN, Jason, The Fermilab Holometer	New particles and forces from chameleon dark energy (Amol Upadhye)	ZIOUTAS, Konstantin, Search for celestial and laboratory chameleons with novel techniques	MIELKE, Eckehard W., Axion condensate as a model for dark matter halos (TBC)	
11:00:00 AM						
11:05:00 AM						
11:10:00 AM						
11:15:00 AM	Discussion			Discussion	WISPy Dark Matter (Javier Redondo)	
11:20:00 AM						
11:25:00 AM	Lunch	Lunch		Lunch		
11:30:00 AM						
11:35:00 AM						
11:40:00 AM						
11:45:00 AM						
11:50:00 AM						
11:55:00 AM						
12:00:00 PM						
12:05:00 PM						
12:10:00 PM						
12:15:00 PM						
12:20:00 PM						
12:25:00 PM						
12:30:00 PM						
12:35:00 PM						
12:50:00 PM						

8th Patras Workshop on Axions, WIMPs and WISPs

	Wednesday	Thursday	Friday	Saturday	Sunday
12:55:00 PM	Lunch	Lunch	Lunch	Lunch	Concluding Remarks
1:00:00 PM					
1:50:00 PM	BATELL, Brian, Portals and the Hidden Sector	YOO, Hojin, CMB Isocurvature Constraints and Gravitational Ward Identities	WALLACE, Chris, MINOS as an effective WIMP cannon.	KARBSTEIN, Felix, Magnetically amplified tunneling of the 3rd kind as a probe of minicharged particles	
1:55:00 PM					
2:00:00 PM					
2:05:00 PM					
2:10:00 PM					
2:15:00 PM	Jim Boyce, Beyond the Standard Model Research at Jefferson Lab	WOUTERS, Denis, Light pseudo-scalar particles and gamma ray spectra	James Beacham, APEX: A Prime Experiment	BAEHRE, Robin, Cavity-enhanced Light-shining-through- a-wall experiments	
2:20:00 PM					
2:25:00 PM					
2:30:00 PM					
2:35:00 PM					
2:40:00 PM	STURROCK, Peter, The Case for a Solar Influence on Certain Nuclear Decay Rates	GRAHAM, Peter, A New Operator For Axion Dark Matter Detection	ISERN, Jordi, Axion cooling of white dwarfs	LONG, Josh, nEDM	
2:45:00 PM					
2:50:00 PM					
2:55:00 PM					
3:00:00 PM					
3:05:00 PM	MANALAYSAY, Aaron, New frontiers in dark matter direct detection: probing sub-GeV masses	SCHWARZ, Matthias, Solar Hidden Photon Search	BURRAGE, Clare, Shining Light on Modifications of Gravity	LONG, Josh, spin- dependent forces in sub-mm range	
3:10:00 PM					
3:15:00 PM					
3:20:00 PM					
3:25:00 PM					
3:30:00 PM	Break	HANSSON ADRIAN, Per, The Heavy Photon Search Experiment	Break	Break	
3:35:00 PM					
3:40:00 PM					
3:45:00 PM					
3:55:00 PM					
4:00:00 PM	Gustavo Canelo, Low Noise CCD R&D at Fermilab	Discussion	Joint Experimental Theoretical Seminar (Marc Schumann - XENON 100 Results)	ECHENARD, Bertrand, Search for dark photon and dark Higgs at BABAR	
4:05:00 PM					
4:10:00 PM					
4:15:00 PM					
4:20:00 PM					
4:25:00 PM	Free Time	Free Time	Joint Experimental Theoretical Seminar (Marc Schumann - XENON 100 Results)	KOZLOV, Valentin, Recent status of the Dark Matter search with Edelweiss	
4:30:00 PM					
4:35:00 PM					
4:40:00 PM					
4:45:00 PM					
4:50:00 PM	HOOPER, Dan, Dark forces and light dark matter	Arrive @ 5:00 PM Departs promptly at 5:30pm Boat Excursion	Joint Experimental Theoretical Seminar (Marc Schumann - XENON 100 Results)	HATZIKOUTELIS, Athanasios, Prospective exotic searches with the NOvA detectors	
4:55:00 PM					
5:00:00 PM					
5:05:00 PM					
5:10:00 PM					
5:15:00 PM	KILMINSTER, Ben, Search for dark matter with a CCD detector	Arrive @ 5:00 PM Departs promptly at 5:30pm Boat Excursion	Fermilab tours, Bus leaves approximately 6:30PM back to Hyatt.	OBERLACK, Uwe, XENON1T and Darwin	
5:20:00 PM					
5:25:00 PM					
5:30:00 PM					
5:35:00 PM					
5:40:00 PM	LOER, Ben, The DarkSide WIMP Search Program	Arrive @ 5:00 PM Departs promptly at 5:30pm Boat Excursion	Fermilab tours, Bus leaves approximately 6:30PM back to Hyatt.	COLLAR, Juan , CoGeNT	
5:45:00 PM					
6:00:00 PM					