

Wednesday, June 18, 2008

Time	Dur.	Title	Speaker	Mail
Welcome				
9:00		A. Wagner (Chair of DESY Directorate)		albrecht.wagner@desy.de
		V. Anastassopoulos (Vice-rector of the University of Patras)		vrector_res@upatras.gr
		J. Mnich (DESY deputy director in charge of High Energy Physics and Astroparticle Physics)		joachim.mnich@desy.de
The physics case for WIMPs, axions and WISPs				
9:15	35'	The physics case for WIMPs, axions, WISPs	J. Jäckel	joerg.jaeckel@durham.ac.uk
10:00	30'	Theory of WIMPs	D. G. Cerdeno	cerdeno@delta.ft.uam.es
10:40	30'	Coffee Break		
11:10	30'	Theory of axions	P. Sikivie	sikivie@phys.ufl.edu
11:50	30'	From axions to WISPs	A. Ringwald	andreas.ringwald@desy.de
12:30	30'	Accelerator based searches	P. Schleper	peter.schleper@desy.de
13:10	80'	Lunch		
Signals from astrophysical sources I: solar axions and axion dark matter				
14:30	25'	Limits on axions, WIMPs and WISPs from astrophysics and cosmology	J. Redondo	javier.redondo@desy.de
15:00	25'	Axion hot dark matter bounds	G. Raffelt	raffelt@mppmu.mpg.de
15:30	25'	Review of cosmological bounds on warm dark matter and astrophysical bounds on decaying dark matter	O. Ruchayskiy	oleg.ruchayskiy@epfl.ch boyarsky@mail.cern.ch
16:00	25'	The upgraded performance of CAST	J. Ruz	Jaime.Ruz@cern.ch
16:30	30'	Tokyo axion helioscope	M. Minowa	minowa@phys.s.u-tokyo.ac.jp
17:10	30'	Coffee Break		
17:40	25'	First tests on a single photon detector in the eV range at CAST	G. Cantatore	giovanni.cantatore@ts.infn.it
18:00	30'	Hunting solar axions in low Earth orbit	Patrick Huber	pahuber@vt.edu
18:40	20'	Discussion		
19:00		End		

Thursday, June 19, 2008

Time	Dur.	Title	Speaker	Mail
Direct searches for Dark Matter WIMPs				
09:00	30'	First results from DAMA/LIBRA	A. Incicchitti	antonella.incicchitti@roma1.infn.it
09:40	30'	Status of the KIMS experiment	S. C. Kim	sckim@hepl.snu.ac.kr
10:20	20'	Status of XENON 100	M. Schumann	marc.schumann@rice.edu
10:45	30'	Coffee Break		
11:15	20'	Expect. background at XENON 100	E. Tziaferi	tziaferi@physik.unizh.ch
11:40	25'	Recent results from the CDMS-II experiment	T. Bruch	tbruch@physik.uzh.ch
12:10	25'	Results of the CRESST commissioning run 2007	J.-C. Lanfranchi	jean.lanfranchi@ph.tum.de
12:40	25'	The Argon Dark Matter experiment (ArDM)	C. Regenfus	regenfus@cern.ch
13:10	90'	Lunch		
14:40	30'	DRIFT	N. Spooner	n.spooner@sheffield.ac.uk
Signals from astrophysical sources II: high energy photon experiments				
15:20	25'	Detection of distant AGN by MAGIC: the transparency of the Universe to high-energy photons	M. Roncadelli	Marco.Roncadelli@pv.infn.it
15:50	25'	Indirect search for dark matter with H.E.S.S.	J. Ripken	ripkenj@mail.desy.de
16:20	30'	Coffee Break		
16:50	25'	X ray constraints on late decaying dark matter majorons	S. Riemer-Sorensen	signe.riemer@gmail.com
17:20	25'	Polarization measurements of gamma-ray bursts and axion-photon coupling:	A. Sakharov	Alexandre.Sakharov@cern.ch
17:50	25'	Spectral Signatures of Photon-Axion Oscillations from Compact Astrophysical Sources	D. Chelouche	doron.chelouche@gmail.com
18:20	30'	Discussion		
18:50		End		
19:30		Evening Lecture	P. Sikivie	sikivie@phys.ufl.edu
				http://www.desy.de/fortbildung/2008/Vortraege%20oeffentlich/Sikivie/sikivie.htm

Friday, June 20, 2008

Time	Dur.	Title	Speaker	Mail
Laboratory searches for axions, WISPs				
9:00	30'	BMV project: Final results on photon oscillations into massive particles	M. Fouché	mathilde.fouche@irsamc.ups-tlse.fr
9:40	30'	Experiments at Jefferson Lab./Yale	K. Baker	oliver.baker@yale.edu
10:20	25'	GammeV: Fermilab axionlike particle photon regeneration results	W. Wester	wester@fnal.gov
10:50	30'	Coffee Break		
11:20	20'	Open Access in High energy physics - Overview and future challenges	M. Köhler	martin.koehler@desy.de
11:50	30'	Testing Chameleon models in the laboratory	A. Weltman	a.weltman@damtp.cam.ac.uk
12:30	25'	GammeV: Fermilab chameleon search and future ideas	A. Chou	achou@fnal.gov
13:00	80'	Lunch		
14:20	30'	Status of OSQAR	A. Siemko	Andrzej.Siemko@cern.ch
15:00	30'	Status of the ALPS Experiment	K. Ehret	klaus.ehret@desy.de
15:40	30'	Coffee Break		
New experimental developments				
16:10	30'	Wide aperture superconducting magnets	S. Russenschuck	Stephan.Russenschuck@cern.ch
16:50	20'	Lasers for the axion-like particle search	M. Hildebrandt	m.hildebrandt@lzh.de
17:20	20'	Raising WISP production rate by use of optical cavities	T. Meier	tobias.meier@aei.mpg.de
17:50	30'	Status and perspectives of experiments testing gravitation	H. Meyer	meyerw@mail.desy.de
18:30	30'	Discussion		
19:00		End		

Saturday, June 21, 2008

Time	Dur.	Title	Speaker	Mail
New theoretical developments				
9:00	40'	Report from the DESY theory "calculationshop" on WISPs	J. Jäckel, A. Ringwald	joerg.jaeckel@durham.ac.uk andreas.ringwald@desy.de
9:50	25'	Continuous Axion Photon Duality, Axion Photon Oscillations, Solitons and Splitting	E. Guendelman	guendel@bgu.ac.il
10:20	25'	Anomaly induced effects in a magnetic field	O. Ruchayskiy	oleg.ruchayskiy@epfl.ch
10:50	25'	Pulsed Plasma Generator as Laboratory Source of axions or ALPs	J. Jacoby and K. Zioutas	jacoby@physik.uni-frankfurt.de konstantin.Zioutas@cern.ch
11:20	30'	Coffee Break		
New ideas and experimental approaches				
11:50	30'	The enigmatic sun	K. Zioutas	konstantin.Zioutas@cern.ch
12:20	30'	Free-electron lasers at DESY: Status, challenges, and opportunities	T. Laarmann	tim.laarmann@desy.de
13:00	60'	Lunch		
14:00	30'	Polarization measurements and their perspectives: PVLAS Phase II	G. Cantatore	giovanni.cantatore@ts.infn.it
14:40	30'	WISP hunting - some new experimental ideas	J. Jäckel	joerg.jaeckel@durham.ac.uk
15:20	20'	Microwave Cavity Search for 0.1 meV Axions	P. L. Slocum	penny.slocum@yale.edu
16:00		Conclusions		
17:00		End of Workshop		
17:30		Departure to harbor and St. Pauli beach club		