

Time	Sunday 23 <sup>rd</sup>	Monday 24 <sup>th</sup>	Tuesday 25 <sup>th</sup>	Wednesday 26 <sup>th</sup>	Thursday 27 <sup>th</sup>	Friday 28 <sup>th</sup>	Time
07:30		Breakfast & Registration	Breakfast	Breakfast	Breakfast	Breakfast	07:30
08:00							08:00
08:30		U. Oberlack: Welcome <i>Chair: A. Lindner</i>	T. Davidek: Status of Higgs measurements at the LHC	G. van de Ven: Lighting up the dark in the Milky Way and the Local Group	P. Sikivie: Axions and the galactic angular momentum distribution.	M. Gustafsson: Dark matter searches with Fermi	08:30
08:35							08:35
08:40		M. Cicoli: Axion-like particles from string compactifications	<i>Chair: A. Denig</i>	<i>Chair: M. Gustafsson</i>	<i>Chair: A. Ringwald</i>	<i>Chair: P. Sikivie</i>	08:40
08:45							08:45
08:50							08:50
08:55							08:55
09:00			O. Lebedev: Higgs and inflation	V. Kozlov: The EDELWEISS-III dark matter search program	C. Nones: Axion searches with the EDELWEISS Ge bolometers	Y. Inoue: Search for hidden photons with Sumico	09:00
09:05							09:05
09:10							09:10
09:15		M. Sulc: Progress of the laser-based experiment OSQAR			K. Tullney: <sup>3</sup> He/ <sup>129</sup> Xe clock comparison experiment: search for spin-dependent short-range interaction		09:15
09:20							09:20
09:25			M. Lindner: Sterile neutrino dark matter				09:25
09:30				S. Scorza: Recent Results from CDMS II, Status and Future of SuperCDMS		M. Schwarz: Results & status of the Solar Hidden Photon Search (SHIPS)	09:30
09:35		B. Döbrich: What's new in ALPS-II			N. Viaux: The galactic globular cluster M5 as a particle physics laboratory: axion-electron coupling		09:35
09:40							09:40
09:45							09:45
09:50			M. Walter: The GERDA Experiment for the Search of Neutrinoless Double Beta Decay	H.B. Li: Limits on spin-independent couplings of WIMP dark matter with a p-type point contact germanium detector	A. Balakin: Extended axion electrodynamics, relic axions and dark matter fingerprints in the terrestrial e.m. field	T. Inada: Results of a search for paraphotons with intense x-ray beams at Spring-8	09:50
09:55		J. Pradler: New light on Dark Photons					09:55
10:00							10:00
10:05							10:05
10:10							10:10
10:15							10:15
10:20				Coffee Break	Conference Photo		10:20
10:25		Coffee break	Coffee break		Coffee break	Coffee break	10:25
10:30							10:30
10:35				J.E. von Seggern: Overview of low flux detectors			10:35
10:40		A. Denig: Dark photon searches: Introduction & searches with MAMI and MESA	P. Gondolo: WIMP dark matter & halo-independent analysis of direct detection data	<i>Chair: W. Wester</i>	A. Schwenk: Nuclear physics uncertainties in direct detection	A. Payez: Polarimetric constraints on axion-like particles	10:40
10:45							10:45
10:50				G. Cantatore: TES-based photon detectors for WISP searches	<i>Chair: M. Lindner</i>	<i>Chair: F. Avignone</i>	10:50
10:55		<i>Chair: M. Pospelov</i>	<i>Chair: U. Oberlack</i>				10:55
11:00				J. Dreyling-Eschweiler: Transition-Edge Detector at ALPS-II	K. S. Jeong: Suppressing isocurvature perturbations of QCD axion dark matter	D. Horns: Pair-production opacity at high and very-high gamma-ray energies	11:00
11:05		T. Beranek: Theoretical framework for analysis of hidden light gauge boson searches					11:05
11:10			R. Cerulli: Results from DAMA/LIBRA and perspectives				11:10
11:15						M. Roncadelli: Very-high-energy quasars hint at ALPs	11:15
11:20		M. Holtrop: Searching for the heavy photon at JLab		R. Bähre: Techniques for the stabilization of the ALPS-II optical cavities			11:20
11:25					P. Ko: Singlet portal extensions of the standard seesaw models to a dark sector with local dark symmetry		11:25
11:30							11:30
11:35							11:35
11:40							11:40
11:45		C. Wallace: Hidden photons in extra dimensions	J.H. Choi: Annual modulation study of dark matter using CsI(Tl) crystals in the KIMS experiment		H. Gast: Results from AMS-02	D. Wouters: Constraints on axion-like particles from the high-energy universe	11:45
11:50							11:50
11:55							11:55
12:00			T. Marrodán Undagoitia: Direct dark matter search with XENON	M. Karuza: Optomechanics and astroparticle physics		D. Espriu: Propagation of axions and photons in an axion condensate	12:00
12:05		A. Gasparian: Search for hidden-sector scalar bosons in X→γγ channel with intense electron beams					12:05
12:10							12:10
12:15							12:15
12:20							12:20
12:25						J. Redondo: Summary from the workshop "Dark matter: a light move"	12:25
12:30							12:30
12:35							12:35
12:40				Lunch		Conclusion	12:40
12:45							12:45
12:50							12:50
12:55							12:55
13:00		Lunch	Lunch				13:00
13:05							13:05
13:10							13:10
13:15				Bus Departure			13:15
13:20							13:20
13:25						Lunch	13:25
13:30							13:30
13:35							13:35
13:40							13:40
13:45							13:45
13:50							13:50

13:55		F.Couchot: Planck's messages for fundamental physics	J. Büchner: Magnetic reconnection in the Sun	Social Event	S. Wayand: Dark matter and SUSY searches at the LHC	13:55
14:00		<i>Chair: J. Jaeckel</i>	<i>Chair: K. Zioutas</i>		<i>Chair: M. Schumann</i>	14:00
14:05						14:05
14:10						14:10
14:15						14:15
14:20						14:20
14:25			14:25			
14:30		A. Weltman: Chameleons – near and far	B. Latic: Status and perspectives of the CAST experiment		B. Reinhold: Status of the DarkSide50 Experiment	14:30
14:35						14:35
14:40						14:40
14:45						14:45
14:50		M. Pospelov: Topological Defect Dark Matter	G. Cantatore: Recent bounds on solar hidden photons obtained at CAST		K. Ni: Status of the PandaX Dark Matter Experiment	14:50
14:55						14:55
15:00	Arrival &					15:00
15:05	Check-in					15:05
15:10						15:10
15:15						15:15
15:20		W. Wester: Dark Energy Survey and WISPs	F. Avignone: Search for bremsstrahlung solar axions with a low background point-contact Ge-detector		J. Lamblin: Directional detection of dark matter with MIMAC	15:20
15:25						15:25
15:30			S. Gburek: Comparison of SphinX and XRT instruments observations during very low solar activity		I. Jaegle: Recent progress on the directional dark matter detector DCube	15:30
15:35		Coffee break	Coffee break		Coffee break	15:35
15:40						15:40
15:45						15:45
15:50						15:50
15:55						15:55
16:00						16:00
16:05		V. Flambaum: Axioelectric effect and other manifestations of Dark matter and Dark energy in laboratory experiments	W. Gradl: Search for dark matter with BABAR			16:05
16:10		<i>Chair: O.K. Baker</i>	<i>Chair: M. Holtrup</i>		<i>Chair: A. Weltman</i>	16:10
16:15						16:15
16:20						16:20
16:25						16:25
16:30						16:30
16:35		D. Tanner / P. Sikivie: ADMX phase II: Status and expected performance	I. Jaegle: Dark photon and Higgs-strahlung channels searches at Belle		P. Arias: Hidden photons and the Aharonov-Bohm effect	16:35
16:40					16:40	
16:45					16:45	
16:50		M. Betz: Status report of the CERN microwave axion experiment	M. Giannotti: Constraining the Axion-Photon Coupling with Massive Stars	C. Balazs: Axion/axino dark matter in Peccei-Quinn violating minimal supergravity	16:50	
16:55					16:55	
17:00					17:00	
17:05					17:05	
17:10		M. Kallioikoski: Status of the microwave LSW experiments of the CASCADE collaboration	A. Lobanov: WISPs from the dark side: Radio probes of Hidden Photons and Axions	J. Cembranos: New developments in Hidden Photon Dark Matter	17:10	
17:15					17:15	
17:20					17:20	
17:25					17:25	
17:30		S. Parker: Hidden Sector Photon Cavity Experiments at UWA	D. Marsh: Hints of a Cosmic Axion Background	K. Zioutas: New manifestations of the dark universe	17:30	
17:35					17:35	
17:40	Registration				17:40	
17:45		Reception	Dinner	BBQ Dinner	17:45	
17:50					17:50	
17:55					17:55	
18:00					18:00	
18:05					18:05	
18:10					18:10	
18:15					18:15	
18:20					18:20	
18:25					18:25	
18:30					18:30	
19:00	Dinner on your own (see website for suggestions)	Dinner			19:00	
19:30					19:30	
20:00					20:00	
21:00				Social Dinner	21:00	
22:00					22:00	
23:00					23:00	

**Comment for speakers:**

20 min time slots are max. 17 min talk + 3 min discussion & switch-over to next speaker. For all longer time slots, please leave 5 min for discussion & switch-over.