

IDM2006 Plenary Program

Sunday 10-September-2006

20:00-22:00	Registration and Welcome Reception
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Monday 11-September-2006

Dark Matter I		Chairman: J. Vergados	Duration - min
9:00-9:30	Opening Remarks		
9:30-10:00	Arnowitz	Cosmology and Dark Matter at the LHC	30
10:00-10:30	Cline	Experimental Searches for Dark Matter	30
10:30-11:00	Nath	SUGRA Dark Matter/WMAP Dark Matter Constraints and Yukawa Unification in SUGRA models	30
11:00-11:30	Coffee Break		
Dark Matter II		Chairman: L. Perivolaropoulos	
11:30-11:50	Dokuchaev	DM Clumps in the Galaxy	20
11:50-12:10	De Boer	Do Galactic Gamma Rays reveal our Galaxy's Dark Matter?	20
12:10-12:30	Schwamm	EDELWEISS	20
12:30-12:50	Yamashita	XENON	20
12:50-13:10	Hawkins	Mass estimates of dark matter bodies from the timescale of quasar variation	20
13:10-14:30	Lunch		
Dark Energy I		Chairman: V. Kudryavtsev	
14:30-15:05	Pain	Supernovae and cosmic acceleration: present and future surveys	35
15:05-15:35	Crittenden	Dark Energy and CMB	30
15:35-16:00	Dimopoulos	Trapped Quintessential Inflation from Flux Compactifications	25
16:00-16:25	Perivolaropoulos	Dark Energy and Extended Gravity	25
16:25-16:45	Biesiada	Information-theoretic model selection applied to supernovae data	20
16:45-17:05	Coffee Break		
Dark Matter III		Chairman: M. Axenides	
17:05-17:30	Vergados	New signatures in direct dark matter searches	25
17:30-17:50	Trotta	The prospects for direct DM search in the CMSSM	20
17:50-18:10	Odom	COUPP	20
18:10-18:30	Moulin	Search for DM annihilation signal with H.E.S.S.	20

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Tuesday 12 September 2006

Dark Matter Detection - Experiments			Chairman: I. Giomataris	Duration - min
8:30-9:00	Hooper	Direct and Indirect detection for DM		30
9:00-9:25	Bertone	Indirect Detection Techniques for DM		25
9:25-9:50	Gonzalez	A direct empirical proof of the existence of Dark Matter		25
9:50-10:10	Cline	Overview of the ZEPLIN two-phase program		20
10:10-10:30	C. Krauss	The Second Phase of the PICASSO Dark Matter Experiment		20
10:30-10:50	Belli	Investigations on Dark Matter and on some rare processes by DAMA: past, present and future		20
10:50-11:30	Coffee Break			
Dark Energy II			Chairman: I. Giomataris	
11:30-12:00	Hayashi	The Λ CDM- Virtues and Shortcomings		30
Dark Matter - WIMPs			Chairman: H. Kraus	
12:00-12:25	Schwarz	The first halos		25
12:25-14:00	Lunch			
14:00-14:25	Bourquin	AMS DM Search		25
14:25-14:50	Morselli	Search for DM with space experiment GLAST		20
14:50-15:10	Summer	The ZEPLIN III Dark Matter Experiment		20
15:10-15:30	Fushimi	WIMP Search by exclusive measurements with thin multilayer NaI(Tl)scintillators		20
15:30-15:50	Sarsa	High performance scintillating calorimeters in the search for WIMPs: ROSEBUD experiment		20
15:50-16:10	Miuchi	NEWAGE Experiment		20
16:10-16:30	Coffee Break			20
Chairman: G. Gounaris				
16:30-16:50	Choi	Gravitino Dark Matter and the Implications		20
16:50-17:10	Coakley	Dark Matter Detection and mini-CLEAN		20
17:10-17:30	S.K. Kim	WIMP search with CsI(Tl) crystals at KIMS		20
17:30-17:50	Colafrancesco	What an astrophysicist can tell about the nature of Dark Matter?		20
17:50-18:10	Drobyshevski	Measuring the daemon flux seasonal maximum at the Baksan Neutrino Observatory		20

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Wednesday 13-September-2006

Axions		Chairman: K. Van Bibber	Duration - min
08:30-09:10	J. Kim	Axions - past, present and future	40
09:10-09:40	Kuster	CAST	30
09:30-10:00	Zioutas	Overlooked Astrophysical signatures of axion (-like) particles	30
10:00-10:25	Irastorza	Micromegas Technology for Rare Event Detection	25
10:25-10:50	Coffee Break		20
10:50-11:25	Kinion	Microwave cavity searches for dark-matter axions; ADMX	35
11:25-12:00	Cantatore	Laser production of axion-like bosons: progress in the experimental studies at PVLAS	35
12:00-12:25	Ruoso	Use of gases in the PVLAS apparatus	25
12:25-12:50	Ringwald	Photon Regeneration Plans	25
12:50-14:30	Lunch		
WIMPs		Chairman: I. Irastorza	
14:30-14:50	Takayama	SuperWeakly Interacting Massive Particles (SuperWIMPs)	20
14:50-15:10	Spooner	Results from the DRIFT II WIMP detector at Boulby	20
15:10-15:30	Regenfus	Towards a ton liquid argon WIMP detector/Ar-DM	20
15:30-15:50	Green	Optimising WIMP directional detectors	20
15:50-16:10	Luscher	ZEPLIN-II WIMP dark matter detector	20
16:10-16:30	Hitashi	Liquid rare gases and inorganic scintillators for WIMP searches	20

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Old Town visit - Banquet

Thursday

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Thursday 14-September-2006

Neutrinos		Chairman: M. Axenides	Duration - min
08:30-9:05	Shaposhnikov	Warm Dark Matter - Sterile Neutrinos	35
09:05-9:35	Ejiri	Double Beta decays	30
09:35-10:10	Klapdor-Kleingrothaus	A New View on the Future of Nuclear Double Beta Decay and Consequences for Beyond Standard Model Physics	25
10:10-10:30	Majorovits	The GERDA Neutrinoless-Double-Beta decay experiment	20
10:30-10:50	Bucci	CUORE	20
10:50-11:10	Anisimov	Seesaw, Leptogenesis and Majorana neutrino as DM	20
11:10-11:30	Coffee Break - Poster Session		
Dark Matter Experiments		Chairman: D. Cline	
11:30-11:50	Santos	MIMAC-He3	20
11:50-12:10	Spada	The Transition Radiation Detector of AMS-02 for the indirect search of Dark Matter	20
12:10-12:30	Majorovits	The CRESST Dark-Matter Search experiment	20
12:30-12:50	Bueno	ArDM	20
12:50-13:10	Cerulli	DAMA 2 - Recent results	20
13:10-14:30	Lunch		

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Parallel Sessions

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Friday 15-September-2006

Dark Matter IV		Chairman: N. Spooner	Duration - min
08:30-09:05	Carr	WHIM, IMBHs, MACHOs, PBHs and all that	35
09:05-09:30	Jetzer	A possible LMC Halo Contribution to Microlensing	25
09:30-09:55	Munoz	SUGRA Dark Matter	25
09:55-10:20	Rich	Limits on the Macho content of the Galactic Halo from the EROS-2 survey of the Magellanic Clouds	25
10:20-10:45	Salati	Neutralino Clumps and Cosmic Rays	25
10:45-11:05	Coffee Break - Poster Session		
11:05-11:30	Gounaris	Neutralino Contribution to DM, LHC and ILC Searches	25
Dark Energy III		Chairman: K. Zioutas	
11:30-12:00	Mavromatos	Relaxation Models for Dark Energy, Astrophysical Data and Particle Physics Constraints	30
Underground Labs / New Facilities		Chairman: K. Zioutas	
12:00-12:30	Gerbier	Modane Laboratory	30
12:30-13:00	H. Kraus	EURECA	30
13:00-14:00	Lunch		
Neutrino Experiments		Chairman: S. Katsanevas	
14:00-14:25	Tzanakos	MINOS results	25
14:25-14:50	Lachenmaier	Reactor Neutrinos	25
14:50-15:15	Landsman	ICECUBE	25
15:15-15:40	Margiotta	ANTARES	25
15:40-16:05	Tzamaras	HELYCON: towards a sea-top infrastructure	20
16:05-16:30	Coffee Break		
Dark matter V		Chairman: G. Cantatore	
16:30-16:50	Krivosheina	Status of GENIUS-Test-Facility for Search of Dark Matter with Naked Ge Detectors in Liquid Nitrogen	20
16:50-17:10	Doro	Indirect search for Dark Matter with the MAGIC Telescope	20
17:10-17:30	Martinez	Dark Matter NaI Searches at CANFRAC: Status of ANAIS	20
17:30-17:50	Takeda	The XMASS experiment	20
17:50-18:10	Pobes	Energy Threshold Improvements in scintillation experiments	20

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Saturday 16-September-2006

Cosmology and Large Scale Structure Chairman: J. Vergados			Duration - min
8:45-9:20	Frenk	Cosmological parameters from 2dfGRS and SDSS	35
9:20-9:45	Jimenez	The Southern Cosmology survey. A detection strategy for DM and DE	25
9:45-10:10	Scordis	Dark Matter and Dark Energy in TEVES Cosmology	25
10:10-10:35	Plionis	Cosmological implications of High z AGN Clustering	25
10:35-10:55	Tasitsiomi	Lighting up the dark	20
10:55-11:30	Coffee Break		20
Future AP facilities Chairman: S. Tzamarias			
11:30-12:00	Katz	Km3	30
12:00-12:30	Katsanevas	An astroparticle physics roadmap by ApPEC and ASPERA	30
12:30-12:50	Siotis	The Roadmap to future Astroparticle Physics Research Infrastructures in Europe	20
12:50-13:30	PANEL	Discussion and Concluding Remarks	40
13:30-14:30	Lunch		

15:15

Lindos Excursion

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POSTER SESSION

Gomez	Background Reduction for Germanium Double Beta Decay Detectors
Chagani	Na recoil measurements
Rodriguez	Background Studies for the PN-CCD Detector of CAST