

IDM2004 Programme Parallel Sessions  
Version 2.1  
2/9/04

**The talk time in minutes is specified in the right-hand column.**

***Tuesday September 7  
Afternoon session, after Coffee***

<i>WIMPs: direct detection II – future experiments</i>				<i>Baryonic dark matter II</i>			
16:30	Juan Collar	COUPP: The Chicago Observatory for Underground Particle Physics	15 min	16:30	Michael Hawkins	Evidence for dark matter in the form of compact bodies	15 min
16:50	Akira Hitachi	Properties of liquid rare gas scintillation for WIMP searches	15 min	16:50	Rudy Schild	Quasar microlensing detection of baryonic dark matter	15 min
17:10	Masaki Yamashita	Direct Measurements of Quenching Factors for Nuclear Recoils in Liquid Xenon	15 min	17:10	Asantha Cooray	Search for small-mass black hole DM with space-based gravitational wave detectors	15 min
17:30	Luca Grandi	WARP: a double phase argon WIMP detector	15 min	17:30	Andreas Heithausen	Molecular clumpuscles as candidates for baryonic DM	15 min
17:50	Robert Hollingworth	Low temperature tests of photomultipliers for use in liquid Xe experiments		17:50	Vigdor Teplitz	Lunar search for quark nugget passages	15 min
18:10	Yuriy Bunkov	Project ULTIMA	15 min	18:10	Anne Magnon	Cosmic decoherence	12 min
				18:25	Edward Drobyshevski	Detection of dark electric matter objects falling out from Earth-crossing orbits	12 min
evening	<i>ILIAS Advanced Detectors meeting: convenor Ed Daw</i>			evening	<i>ILIAS N6 (Theory) meeting: convenor Leszek Roszkowski</i>		

**Thursday September 9**

**Afternoon session**

<i>WIMPs: indirect detection II</i>				<i>Backgrounds in underground experiments</i>			
				14:00	Rick Gaitskell (Brown)	CDMS background and Monte Carlo studies	15 min
14:20	Andreas Eckart	Dark matter at the centre of the Milky Way	15 min	14:20	Gloria Luzon (Zaragoza)	Neutron studies at Canfranc Underground Laboratory	15 min
14:40	Wim de Boer	Excess of EGRET Galactic gamma ray data interpreted as dark matter annihilation	25 min	14:40	Helenia Menghetti (Bologna)	Study of muon-induced neutron background with the LVD detector at LNGS	15 min
15:10	Jürgen Hoessl	The ANTARES neutrino telescope and its dark matter capabilities	15 min	15:00	Cristina Cozzini (Oxford)	CRESST background discrimination: discovery of $^{180}\text{W}$ natural decay in a pure alpha spectrum	12 min
				15:15	John McMillan (Sheffield)	Measurement of low-background neutron fluxes: status and prospects	12 min
15:30	Sylvie Rosier	Dark matter searches with AMS-02	15 min	15:30	Hesti Wulandari (Munich)	Status of neutron background study in CRESST	12 min
				15:45	Jennie Davies (Sheffield)	Neutron background in a time projection chamber for WIMP search	12 min
				16:00	Michael Carson (Sheffield)	Background studies for xenon detectors	12 min
16:10	<i>Coffee</i>			16:15	<i>Coffee</i>		
16:30	Kenji Yoshida	Dark matter search by high-energy $\gamma$ -rays and $e^\pm$ with CALET	15 min	16:35	Stephan Scholl (Tuebingen)	Simulation of the low-energy neutron background with GEANT4	12 min
16:50	Doug Finkbeiner	Observational search for dark matter annihilation	15 min	16:50	Michael Bauer (Tuebingen)	Simulations of muon-induced neutron background with GEANT4	12 min
17:10	Aldo Morselli	Search for DM with GLAST & PAMELA	15 min	17:05	Henrique Araujo (Imperial College)	Muon-induced neutron production and propagation: comparing FLUKA and GEANT4 simulations	12 min
17:30				17:20	Gilles Gerbier (Saclay)	Update on neutron studies in EDELWEISS and LSM	12 min
				17:35	<i>General discussion on background studies: ILIAS – N3, JRA1, JRA2</i>		