



## darkattack2012

15 - 20 July 2012, Ascona, Switzerland

## Programme

Day	Time	Talk / Activity	Speakers
Sunday			
Afternoon	ARRIVAL		
Evening	17:00	Welcome Reception	
	19:00	Dinner at "SALA LUCE"	
Monday			
Morning	Chair: Elena Aprile		
	9:00	Discovering Dark Matter	Subir Sarkar
	9:45	Maverick Dark Matter and Non-SUSY new physics Searches	Rocky Kolb
	10:30	Coffee Break	
	10:50	CSF Welcome Address and Video	Chiara Cometta
	11:00	Dark Matter Substructures	Wyn Evans
	11:45	Results from Planck	Andrew Jaffe
Lunch	12:30		
Afternoon	Chair: Roberto Trotta		
	14:00	Results from the LHC: ATLAS	Sascha Caron
	14:30	Results from the LHC: CMS	Alex Tapper
	15:00	Local Determinations of DM	Konrad Kuijken
	15:45	DM Numerical Simulations	Andrea Maccio
	16:30	Coffee Break	
	17:00	Contributed Talks -	
		Theory Session 1	
		Improving the Effective Mass (15'+5')	Maria Eugenia Cabrera
		Constraints on Dark Matter and SUSY from LHC and Direct Detection Experiments (15'+5')	Charlotte Strege
		AstroFit and Fittino: Results for the CMSSM Fit (15'+5')	Nelly Nguyen
	Asymmetric Dark Matter Models and signatures (15'+5')	Mads Toudal Frandsen	
Evening	19:00	Dinner	

Tuesday			
Morning		Chair: Subir Sarkar	
	9:00	Direct Detection: Noble Liquids Detectors	Nigel Smith
	9:30	Direct Detection: Millikelvin Detectors for Dark Matter and other Rare Event Searches	Enectali Figueroa-Feliciano
	10:00	Direct Detection: Astrophysical Uncertainties	Neal Weiner
	10:45	Coffee Break	
	11:15	Contributed Talks -	
		Direct Detection Session 1	
		Future Prospects for the Large Underground Xenon (LUX) Detector (15'+5')	Blair Edwards
		The DEAP-3600 experiment at SNOLAB (15'+5')	Simon Peeters
		The XENON Programme (15'+5')	Teresa Marrodan Undagoitia
Lunch	12:30		
Afternoon		Chair: Filip Moortgat	
	14:30	Contributed Talks -	
		Direct Detection Session 2	
		Worried by Astrophysical Uncertainties? New Methods to Compare Experiments (15'+5')	Christopher McCabe
		Monojets Limits and Direct Detection (15'+5')	Felix Kahlhoefer
		Direct Detection: Present and Future - Roundtable Discussion	
		Conference Picture	
	16:00	Coffee Break	
	16:30	POSTER SESSION	
Evening	19:00	Dinner	
Wednesday			
Morning		Chair: Andrew Jaffe	
	9:00	New results from the XENON100 experiment	Elena Aprile
	9:45	Global Fits - Frequentist	Oliver Buchmüller
	10:15	Global Fits -Bayesian	Roberto Ruiz e Austri / Roberto Trotta
	10:45	Coffee Break	
	11:15	Statistical Issues in Searches	Roger Barlow
	11:45	Sketching Dark Particles	Tim Tait
Lunch	12:30		
Afternoon		FREE	
Evening	19:00	Conference Dinner - BBQ	

Thursday		
Morning	Chair: Laura Baudis	
	9:00 Astrophysical Modeling	Louis Strigari
	9:45 DM searches with Fermi	Simona Murgia
	10:30 Coffee Break	
	11:00 Indirect detection with neutrinos	Francis Halzen
	11:45 Dark matter searches in anti-matter	Philipp Mertsch
Lunch	12:30	
Afternoon	Chair: Rocky Kolb	
	15:00 Contributed Talks - Indirect Detection	
	Energy-Dependent Likelihood: an Optimized Method for Indirect Dark Matter Searches (15'+5')	Jelena Aleksis
	Dark Matter spectral features in gamma rays (15'+5')	Francesca Calore
	Dark Matter and fundamental physics searches with the Cherenkov Telescope array (20'+5')	Michele Doro
	Hunting Dark Matter at galactic and extra-galactic scales (15'+5')	Carmelo Evoli
	16:30 Coffee Break	
	17:00 Evidence for 130 GeV gamma-ray line emission from the Fermi LAT data (15'+5')	Andi Hektor
	Searching for neutrinos from Dark Matter annihilation in the Earth with the IceCube detector (15'+5')	Jan Kunnen
	Search for Secluded Dark Matter with the IceCube Neutrino Telescope (15'+5')	Jon Miller
	Indirect search for dark matter with ANTARES (15'+5')	Ziad Charid
Evening	19:00 Dinner	
Friday		
Morning	Chair: Tim Tait	
	09:00 Contributed Talks - Theory Session 2	
	The dark matter attractor: origin and implications (20'+5')	Steen Hansen
	A new measurement of the local dark matter density from the kinematics of K-dwarfs (15'+5')	Silvia Garbari
	Long range forces in direct dark matter searches (15'+5')	Paolo Panci
	Characterization of Dark-Matter-induced anisotropies in the diffuse gamma-ray background (15'+5')	Mattia Fornasa
	10:30 Award of the CSF Prize for the best talk of a young researcher	
	10:40 Coffee Break	
	Roadmap - Panel Discussion	
Lunch	END OF WORKSHOP	
Afternoon	Departure	