



# Astroparticle Physics - A Joint TeVPA/ IDM Conference

## Monday 23 June 2014

### Particle Physics - Room 3 (14:30-16:00)

**-Conveners: Albert De Roeck**

time	[id] title	presenter
14:30	[247] Progresses on Minimal Dark Matter	SALA, Filippo
14:45	[2] Using Energy Peaks to Count Dark Matter Particles in Decays	FRANCESCHINI, Roberto
15:00	[302] SUSY after LHC run1	WANG, LianTao
15:20	[297] Supersymmetry Searches in ATLAS and CMS	PETERSEN, Troels
15:40	[250] The Incredible Bulk	Ms SANDICK, Pearl

### Particle Physics: Particle Physics - Room 3 (16:30-18:30)

**-Conveners: Troels Petersen**

time	[id] title	presenter
16:30	[94] The MEG experiment: past, present and future	Mrs BARACCHINI, Elisabetta
16:45	[300] LHC searches in rare heavy-flavor decays	MANCINELLI, Giampiero
17:05	[181] Mono- and di-photon searches for new physics at the LHC	Prof. ORIMOTO, Toyoko
17:25	[185] Other BSM searches at the LHC	DU PREE, Tristan Arnoldus
17:45	[303] Expectations for LHC run-II	WANG, LianTao
18:05	[298] Future high-energy collider options and physics prospects	DE ROECK, Albert DE ROECK, Albert

# Thursday 26 June 2014

## Particle Physics: Particle Physics - Room 6 (14:30-16:00)

-Conveners: **Herbi Dreiner**

time	[id] title	presenter
14:30	[169] SM Higgs results at the LHC	Prof. MITSELMAKHER, Guenakh
14:50	[198] Searches for invisible Higgs at the LHC	WANG, Renjie
15:10	[202] Searches for beyond the standard model Higgs in ATLAS & CMS	COLLOT, Johann
15:30	[295] Higgs Implications for Dark Matter	F. KAMENIK, Jernej

## Particle Physics: Particle Physics - Room 6 (16:30-18:30)

-Conveners: **Oliver Buchmueller**

time	[id] title	presenter
16:30	[175] Measuring the Effectiveness of Effective Field Theories of Dark Matter	JACQUES, Thomas David
16:50	[304] Beyond EFT for DM@LHC	DE SIMONE, Andrea DE SIMONE, Andrea
17:10	[160] QCD effects in mono-jet searches for dark matter	Dr RE, Emanuele
17:30	[180] Mono-jet searches in ATLAS and CMS	ROSSETTI, Valerio
17:50	[191] Mono-W/Z searches in ATLAS and CMS	NELSON, Andy
18:10	[296] Dark Matter at a Linear Collider	DREINER, Herbi

# Friday 27 June 2014

## Particle Physics: Particle Physics - Room 6 (14:30-16:00)

-Conveners: Christoph Weniger

time	[id] title	presenter
14:30	[301] Interplay of direct, indirect and collider searches	MCCABE, Christopher
14:50	[243] Impact of Semi-annihilation of Z3 Symmetric Dark Matter with Radiative Neutrino Masses	Dr TOMA, Takashi
15:05	[203] Performance of LHC searches with MET for models with compressed spectra	PANIZZI, Luca
15:25	[309] Can AMS-02 discriminate the origin of an anti-proton signal?	BUSONI, Giorgio
15:40	[91] Gamma-rays from the Inert Doublet Model at the TeV scale.	Mr GARCIA CELY, Camilo

## Particle Physics: Particle Physics - Room 6 (16:30-18:50)

-Conveners: Christopher McCabe

time	[id] title	presenter
16:30	[305] The H-dibaryon: possible dark matter particle within QCD	FARRAR, Glennys
16:45	[182] Asymmetric dark matter and $\chi\chi \rightarrow \chi\chi$ interactions	BALDES, Iason
17:00	[196] FIMP realization of the scotogenic model	Dr MOLINARO, Emiliano
17:15	[75] Thermal dark matter implies new physics not far above TeV	BALAZS, Csaba
17:30	[97] An open window for high reheating temperatures in supersymmetry	Dr HEISIG, Jan
17:45	[154] Co-annihilating dark matter and effective operator analysis	CAI, Yi
18:00	[214] Gaugino annihilation and co-annihilation with DM@NLO	STEPPELER, Patrick
18:15	[57] Strong thermal leptogenesis and the $N_2$ -dominated scenario	Mr RE FIORENTIN, Michele