



# Lessons from the first phase of the LHC

## Wednesday 26 September 2012

### Parallel Session 2: Cosmology & Astroparticle Physics - Seminar room 2 (14:00 - 15:20)

time	[id] title	presenter
14:00	[110] The 130GeV gamma-ray line and dark matter model building constraints from continuum gamma rays, radio and antiproton data	Mr VOLLMANN, Martin Dr ASANO, Masaki
14:20	[93] Dark matter constraints from box-shaped gamma-ray features	Mr LOPEZ GEHLER, Sergio
14:40	[36] Closing in on mass-degenerate dark matter scenarios with antiprotons and direct detection	Mr VOGL, Stefan
15:00	[61] PAMELA and FERMI limits on the neutralino-chargino mass degeneracy	Mr DA SILVA, Jonathan

### Parallel Session 2: Cosmology & Astroparticle Physics - Seminar room 2 (15:50 - 17:10)

time	[id] title	presenter
15:50	[64] Prospects of antideuteron detection from dark matter annihilations/decays at AMS-02 and GAPS	Mr WILD, Sebastian
16:10	[87] Multi-Component Dark Matter Systems and Their Observation Prospects	Mr DUERR, Michael
16:30	[4] The universal density profile of the central region of dark matter haloes	Dr BAUSHEV, Anton
16:50	[55] Dark matter distribution in the Milky Way: microlensing and dynamical constraints	PATO, Miguel

# Thursday 27 September 2012

## **Parallel Session 2: Cosmology & Astroparticle Physics - Seminar room 2 (14:00 - 15:20)**

-Conveners: Miguel Pato

time	[id] title	presenter
14:00	[52] Nonequilibrium QFT approach to leptogenesis	Mr FROSSARD, Tibor
14:20	[74] Towards a quantum treatment of leptogenesis	Mr GARNY, Mathias
14:40	[115] WIMP Dark Matter from Gravitino Decays and Leptogenesis	SCHMITZ, Kai
15:00	[113] From Dirac neutrino masses to baryonic and dark matter asymmetries	Dr GU, Peihong

## **Parallel Session 2: Cosmology & Astroparticle Physics - Seminar room 2 (15:50 - 17:10)**

-Conveners: Mathias Garny

time	[id] title	presenter
15:50	[106] Relaxed Dark Matter	Dr CATENA, Riccardo
16:10	[51] Smooth Hybrid Inflation and Non-Thermal Type II Leptogenesis	Dr SIL, ARUNANSU
16:30	[111] Superconformal D-Term Inflation	DOMCKE, Valerie
16:50	[107] Observational degeneracy between non-canonical and canonical single field inflation	Mr RUMMEL, Markus

## **Parallel Session 2: Cosmology & Astroparticle Physics - Seminar room 2 (17:40 - 19:00)**

-Conveners: Riccardo Catena

time	[id] title	presenter
17:40	[67] Cosmology challenges brane scenarios in AdS <sub>5</sub>	Dr KONIKOWSKA, Dominika
18:00	[59] Electrically charged curvaton	Dr LERNER, Rose
18:20	[82] Dark radiation from the axino solution of the gravitino problem	Dr HASENKAMP, Jasper
18:40	[83] Axions and saxions from the primordial supersymmetric plasma and extra radiation signatures	Mr GRAF, Peter