



# Nonperturbative QFT: Methods and Applications

## Wednesday 25 September 2013

**Parallel Session 1 + 2: Particle Phenomenology and Cosmology & Astroparticle Physics - Seminar room 4a/b (14:00 - 15:20)**

time	[id] title	presenter
14:00	[5] Gravitino DM and a Healthy EDM in D3/D7 mu-Split Supersymmetry	Prof. MISRA, Aalok
14:20	[41] Propagating Ultra-High Energy Cosmic Rays in the Universe with CRPropa	Mr ALVES BATISTA, Rafael
14:40	[12] Minimal Decaying Dark Matter and the LHC	Dr ARCADI, Giorgio
15:00	[35] Time Evolution of the Large-Scale Tail of Primordial Magnetic Fields	SAVELIEV, Andrey

**Parallel Session 1 + 2: Particle Phenomenology and Cosmology & Astroparticle Physics - Seminar room 4a/b (15:50 - 17:30)**

time	[id] title	presenter
15:50	[18] The Weyl Consistency Conditions and Standard Model Vacuum Stability	Dr GILLIOZ, Marc
16:10	[20] Analytic solutions of multi-parton 't-Hooft equations	Prof. WOSIEK, Jacek
16:30	[29] (1+1) QCD & Transverse Quark States in a Flux Tube	Prof. KOSHELKIN, Andrew
16:50	[44] The Scale of Dark QCD	Dr SCHWALLER, Pedro
17:10	[15] Laboratory tests of leptogenesis and fine tuning	Dr DREWES, Marco

# Thursday 26 September 2013

**Parallel Session 1 + 2: Particle Phenomenology and Cosmology & Astroparticle Physics - Seminar room 4a/b (15:50 - 17:30)**

time	[id] title	presenter
15:50	[47] Non-perturbative QFT for the calculation of collider processes embedded in the intense electromagnetic fields at the Interaction Point	Dr HARTIN, Anthony
16:10	[31] Gluino decay in natural supersymmetry	Dr ASANO, Masaki
16:30	[92] Strong Electroweak Phase Transition in the MSSM-like Parameter Space	NARDINI, Germano
16:50	[26] The minimal curvaton-higgs model	Dr LERNER, Rose
17:10	[19] Electroweak vacuum stability in the inflationary cosmology	Dr KAMADA, Kohei