

YTF 8**Thursday, 14 January 2016****Parallel session: Cosmology and Dark Matter - CM101 (14:30 - 16:10)****-Conveners: Jessica Turner**

time	[id] title	presenter
14:30	[17] Observing the String Axiverse	Ms DAY, Francesca
14:55	[9] Charming Dark Matter	Mr KIRK, Matthew
15:20	[20] Frame Covariant Formulation of Inflation Using a Generalised Approach to the Inflationary Attractor	Mr KARAMITSOS, Sotirios
15:45	[34] Neutrinoless Double Beta Decay and High-Scale Baryogenesis	Mr GRÁF, Lukáš

Parallel session: Holography and Solitons - CM107 (14:30 - 16:10)**-Conveners: Vaios Ziogas**

time	[id] title	presenter
14:30	[14] Renormalized entanglement entropy	Mr WOODHEAD, William
14:55	[16] Hot Multiboundary Wormholes from Bipartite Entanglement	Mr PEACH, Alexander
15:20	[11] Supergravity Couplings from CFT Correlation Functions	Mr SCHMIDT, Stanislav
15:45	[26] Baby Skyrmions in AdS	Mr ELLIOT-RIPLEY, Matthew

Parallel session: QCD - CM101 (16:40 - 17:55)**-Conveners: Robin Linten**

time	[id] title	presenter
16:40	[15] Next-to-Leading Log Contributions to Jet Production with High Energy Jets	Mr COCKBURN, James
17:05	[19] NNLO Soft Functions and Non-Cusp Soft Anomalous Dimensions in SCET	Mr TALBERT, Jim
17:30	[24] Higher Dimensional Theories and the Banks-Zaks Fixed Point of QCD.	Ms SIMMS, Rebecca

Parallel session: String Theory - CM107 (16:40 - 17:55)**-Conveners: Felix Haehl**

time	[id] title	presenter
16:40	[6] Estimation for 2 dimensional free fermion negativity	Mrs WANG, Yihong
17:05	[7] Engineering F-Theory GUTs	Mr ASHFAQUE, Johar
17:30	[21] Shift-Symmetries at one-loop	Mr STEWART, Richard

Friday, 15 January 2016

Parallel session: Gravity - CM107 (09:00 - 10:40)

-Conveners: Alan Reynolds

time	[id] title	presenter
09:00	[32] Numerical General Relativity and Asymmetric Bubble Collapse	Ms CLOUGH, Katy
09:25	[31] First integrals of affine connections on surfaces	Mr CONTATTO, Felipe
09:50	[36] Lorentz-violating matter dispersion relations from modified quantum gravity	Mr LEITE, Julio
10:15	[28] Looking for signatures of a modified speed of sound for the tensor modes.	Mr CESPEDES, Sebastian

Parallel session: Standard Model Phenomenology - CM101 (09:25 - 10:40)

-Conveners: Simon Armstrong

time	[id] title	presenter
09:25	[13] Reconstructing dileptonic $t\bar{t}$ events (and doing stuff with them)	Mr NORDSTROM, Karl
09:50	[22] Muon g-2: data combination, fitting and systematic bias	Mr KESHAVARZI, Alex
10:15	[8] Unitarity bound in the composite two Higgs doublet model	Ms YILDIRIM, Emine

Parallel session: Amplitudes - CM107 (11:10 - 12:50)

time	[id] title	presenter
11:10	[4] Double copy of classical bremsstrahlung solutions	Mr LUNA-GODOY, Andrés
11:35	[5] Tales of the Unexpected: One-Loop Soft Theorems via Hidden Symmetries	Mr HUGHES, Edward
12:00	[12] Applying Colour-Kinematics Duality to the Unitarity Method	Mr MOGULL, Gustav
12:25	[23] Blackhat - Efficient Calculation of NLO amplitudes for Higgs + many jets	Mr ARMSTRONG, Simon

Parallel session: BSM - CM101 (11:10 - 12:50)

-Conveners: Andres Olivares del Campo

time	[id] title	presenter
11:10	[25] Drell-Yan production of multi-Z's at the LHC	Mr FIASCHI, Juri
11:35	[33] BSM Physics with Sherpa	Mr KUTTIMALAI, Silvan
12:00	[29] A smörgåsbord of flavour in GUTs	Mr BJÖRKEROTH, Fredrik
12:25	[30] Higgs decays in SM Effective Field Theory at one-loop	Mr SCOTT, Darren