

UKCosmo March 12 2013 - Imperial College London, LT164 Skempton building.

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|-------------|---|----------------------|------------|--|
| 10:00-11:00 | Arrival, Coffee - Sir Alexander Fleming building foyer, opposite Skempton building | | | |
| 11:00-11:30 | Richard | Lieu | Huntsville | Hunting the baryons of the near Universe |
| 11:30-11:45 | Dmitri | Skiros | Nottingham | Duality and Decay of Macroscopic F-Strings |
| 11:45-12:00 | Jonathan | Pearson | Durham | Parameterizing dark sector perturbations via equations of state |
| 12:00-12:15 | Amjad | Ashoorioon | Lancaster | TBD |
| 12:15-12:30 | Arron | Rumsey | Lancaster | Thermal Inflation with a Waterfall Field Mass Coupled to a Light Auxiliary Scalar Field |
| 12:30-13:30 | Lunch | | | |
| 13:30-13:45 | Joao | Magueijo | Imperial | Cosmology with a Spin |
| 13:45-14:00 | Mark | Hindmarsh | Sussex | Supersymmetric Higgs Thermal Inflation and the MRISSM |
| 14:00-14:15 | Mairi | Sakellariadou | Kings | Highlights of Noncommutative Spectral Action from the point of view of a physicist |
| 14:15-14:30 | Christian | Byrnes | Sussex | Multifield reheating and the fate of primordial observables |
| 14:30-14:45 | Jose | No | Sussex | Non-thermal Dark Matter Production from the Electroweak Phase Transition |
| 14:45-15:00 | Bradley | Kavanagh | Nottingham | Tackling astrophysical uncertainties in dark matter direct detection experiments |
| 15:00-15:15 | Lingfei | Wang | Lancaster | The spectator field and its perturbations |
| 15:15-15:30 | Spyridon | Sypsas | Kings | Effective field theory of weakly coupled inflationary models |
| 15:30-16:00 | Coffee Break | | | |
| 16:00-16:15 | Anne | Davis | Cambridge | Pulsar constraints on modified gravity |
| 16:15-16:30 | Jonathan | Frazer | Sussex | Predictions in Multifield Inflation |
| 16:30-16:45 | Mafalda | Dias | Sussex | Scale-dependent bias from multifield inflation |
| 16:45-17:00 | Alex | Barreira | Durham | Covariant Galileon: cosmological predictions and constraints from linear perturbation theory |
| 17:00-17:15 | Furqaan | Yusaf | Kings | How space-time defects may drive enhanced structure formation in the Universe |
| 17:15-17:30 | Francesco | Pace | Portsmouth | A comparison of structure formation in minimally and non-minimally coupled quintessence models |

Wireless connection: Connect to "Imperial". Open web browser. Browser should be redirected to guest login page. Enter login **conf31943** (no password required). This will allow you to set up an account.

