

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

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

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