

Cosmo 07

Tuesday, 21 August 2007

Dark Energy and Modified Gravity - TUE: Gallery Room 2, WED: Gallery Room 1, Level 3 Bramber House (13:45 - 17:45)

time	[id] title	presenter
13:45	[29] The sound of darkness	Dr BRUNI, Marco
14:03	[30] Complementarity of Dark Energy Probes	Dr WELLER, Jochen
14:21	[31] Cosmological Constraints from Type Ia SNe Peculiar Velocities	Dr GORDON, Christopher
14:39	[32] Parametering Dark Energy	Mr HUANG, Zhiqi
14:57	[33] Deviations from a cosmological constant: a field-space parameterization	Dr CRITTENDEN, Robert
15:15	Tea break	
15:45	[35] Conditions for the cosmological viability of $f(R)$ dark energy models	Dr TSUJIKAWA, Shinji
16:00	[36] Do consistent $f(R)$ models mimic General Relativity?	Mr APPLEBY, Stephen
16:15	[37] Dynamics of Linear Perturbations in Modified Gravity	Dr SILVESTRI, Allesandra
16:30	[38] Modifications of Gravity: constraints and instabilities	Dr DE FELICE, Antonio
16:45	[39] Solutions of modified field equations in $f(R)$ theories of gravity	Dr MULTAMAKI, Tuomas
17:00	[40] Spherically symmetric spacetimes in $f(R)$ gravity theories	Mr SUNHEDE, Daniel
17:15	[41] Signature change, vacuum condensation and cosmological constant	Dr DARABI, Farhad
17:30	[42] Dynamical Dark Energy or Simply Cosmic Curvature?	Ms CORTES, Marina

Wednesday, 22 August 2007

Dark Energy and Modified Gravity - TUE: Gallery Room 2, WED: Gallery Room 1, Level 3 Bramber House (13:45 - 17:45)

time	[id] title	presenter
13:45	[43] The dark matter sector and new forces mediated by dark energy	Dr VAN DE BRUCK, Carsten
14:03	[44] Detecting Chameleon in the Laboratory	Dr BRAX, Philippe
14:21	[45] Detecting Chameleon Fields through Casimir Force Measurements	Dr SHAW, Douglas
14:39	[46] Renormalisation group running of gravitational couplings	Dr LITIM, Daniel
14:57	[47] The Stability Issue In Models Of Neutrino Dark Energy	Mr BJAELDE, Ole
15:15	Tea break	
15:45	[140] BBN Constraints on Scaling Quintessence Models and Dark Energy Surveys	Mr CARDOSO, Antonio
16:00	[48] Superluminal signal propagation in k-essence cosmology	Dr WINITZKI, Sergei
16:15	[49] Turnaround in Cyclic Cosmology	Prof. FRAMPTON, Paul
16:30	[50] Solar System Constraints on Gauss-Bonnet Mediated Dark Energy	Dr DAVIS, Stephen
16:45	[51] Stealth Acceleration and Modified Gravity	Dr PADILLA, Antonio
17:00	[52] A dark energy model with accelerating Chaplygin gas in decelerating DGP geometry.	Prof. ROOS, Matts
17:15	[53] Non-linear interactions in a cosmological background in the DGP braneworld model	Mr SILVA, Fabio
17:30	[54] Backreaction from Linear Perturbations	Dr BROWN, Iain