Workshop on Cosmological Tests of Gravity
14 March, 2013
Martin Wood Lecture Theatre

PROGRAMME

8:45-9:00 Arrival and welcome

THEORY SESSION
9:00-9:30 Kazuya Koyama (ICG) – Which theories are interesting?
9:30-10:00 Eanna Falanagan (Cornell) – The EFT approach
10:00-10:20 Philippe Brax (Saclay) – Screening mechanisms
10:20-10:40 Clare Burrage (Nottingham) – Problems of current theory space

COFFEE: 10:40-11:10

CONSTRAINTS/FORECASTS SESSION
11:10-11:40 Rachel Bean (Cornell) – Overview of current constraints
11:40-12:00 Will Percival (ICG) – Galaxy surveys
12:00-12:20 Thomas Kitching (UCL) – Weak lensing

LUNCH 12:20-1:20

PARAMETRIZATIONS SESSION
1:20 – 1:40 Tessa Baker (Oxford) – The parametrized Post-Friedmann Framework
1:40 – 2:00 Jonathan Pearson (Durham) – Parametrizing dark sector perturbations
2:00 – 2:20 Ignacy Sawicki (Heidelberg) - What can linear cosmology measure?
2:20 – 2:40 Levon Pogosian (SFU) – Cosmological parameters of modified gravity

COFFEE 2:40-3:10

N-BODY SIMULATIONS SESSION
3:10 - 3:30 Marco Baldi (Bologna) – C-Gaget
3:30 – 3:50 Baojiu Li (Durham) – N-body simulations for modified gravity
3:50 – 4:10 Claudio Llinares (Oslo) – Beyond static approximation

SUMMARY/DISCUSSION:
4:10-4:40 Dimitros Psaltis (Arizona) – An outsider’s perspective
4:40-5:30 Discussion