

George Ellis @ 75: Programme

Monday 24 November 9.00-9.15 opening (Maartens)

9.15 - 9.40 [Chair: Weltman] Ellis - Cosmology then and now

9.40 - 10.55

Bruni - Nonlinear cosmological dynamics and large-scale structure Dunsby - Travels in modified gravity

v Elst - State spaces in cosmology and decision theory

10.55 - 11.25 coffee

11.25 - 13.05 [Chair: Maharaj]

Durrer - Perturbative and non-perturbative aspects of gravitational clustering Ferreira - George Ellis against the Graviton

Hogan - Gravitational Waves and the Cosmological Constant Uzan - The big, the small and scale invariance

13.05 - 14.00 lunch

14.00 - 15.40 [Chair: Gebbie]

Bassett - Testing the foundations of cosmology Borgani - Cosmology and galaxy clusters

Clarkson - What is the distance to the CMB? Clifton - Cosmological models with discrete masses

15.40 - 16.10 coffee

16.10 - 17.35 [Chair: Beesham]

Hellaby - Observations in non-symmetric universes

Liberati - Don't mess with time: probing faster than light travel and chronology protection

Murugan - Spacetime as an emergent phenomenon

Tuesday 25th [SAGS session]

9.00-11.00 [Chair: Bishop]

Goswami - Exploring Birkhoff, Godel and Hawking with George Larena - Backreaction and fitting problem in cosmology

Osano - Cosmic magnetic fields

Starkman - The topology of the Universe

Umeh - Unusual areas of application of covariant decomposition in cosmology