

15 - 28 January 2012

CAPE TOWN INTERNATIONAL COSMOLOGY SCHOOL

ORGANISED BY AIMS, ICTP & PI

The Cape Town International Cosmology School will be held at the Stellenbosch Institute for Advanced Studies in Stellenbosch from the 15-28 January 2012. The school will consist of lectures, tutorials and project work.

INVITED SPEAKERS

- Niayesh Afshordi (PI)
- Bruce Bassett (AIMS/SAAO/UCT)
- Chris Clarkson (UCT)
- Sergio Colafrancesco (INAF/Wits)
- Paolo Creminelli (ICTP)
- George Ellis (UCT)
- Andreas Faltenbacher (UWC)
- Ariel Goobar (Stockholm)
- Alan Heavens (ROE)
- Lam Hui (Columbia)
- Matt Jarvis (Herts/UWC)
- Roy Maartens (UWC/ICG)
- Kavi Moodley (UKZN, *tbc*)
- Robert Nichol (ICG)
- Ravi Sheth (ICTP/UPenn)
- Matias Zaldarriaga (IAS, Princeton)



TOPICS

- Cosmic Microwave Background
- Inflation
- Supernovae, Baryon Acoustic Oscillations
- Cosmic Acceleration
- Large Scale Structure
- Dark Matter and its Detection
- Bayesian Statistics
- Multi-Wavelength Cosmology
- Future Surveys
- Testing Homogeneity
- Modified Gravity
- Advanced Topics in Cosmology

REGISTRATION

www.cosmology.org.za/school
Registration closes 30 September 2011

SOC & LOC

- Scientific Organising Committee
- Bruce Bassett (AIMS/SAAO/UCT)
 - Paolo Creminelli (ICTP)
 - Roy Maartens (UWC/ICG)
 - Carolina Ödman (AIMS/NEI)
 - Ravi Sheth (ICTP/UPenn)

- Local Organising Committee
- Rene January (AIMS)
 - Michelle Knights (AIMS/UCT)

