

2nd Azores School on Observational Cosmology

1 – 7 June, 2014
Angra do Heroísmo
Azores, Portugal

A PRELIMINARY LIST OF LECTURERS IS:

Luca Amendola / Heidelberg: Dark Energy
Alain Blanchard / Toulouse: Galaxies and Clusters
Pedro Ferreira / Oxford: Modified Gravity
Juan Garcia-Bellido / Madrid: Primordial Cosmology
Catherine Heymans / Edinburgh: Lensing
Martin Kunz / Geneva: Cosmology Tools
Carlos Martins / CAUP: Fundamental Cosmology with ALMA and the E-ELT
Valeria Pettorino / Heidelberg/Geneva: Cosmic Microwave Background

SOC

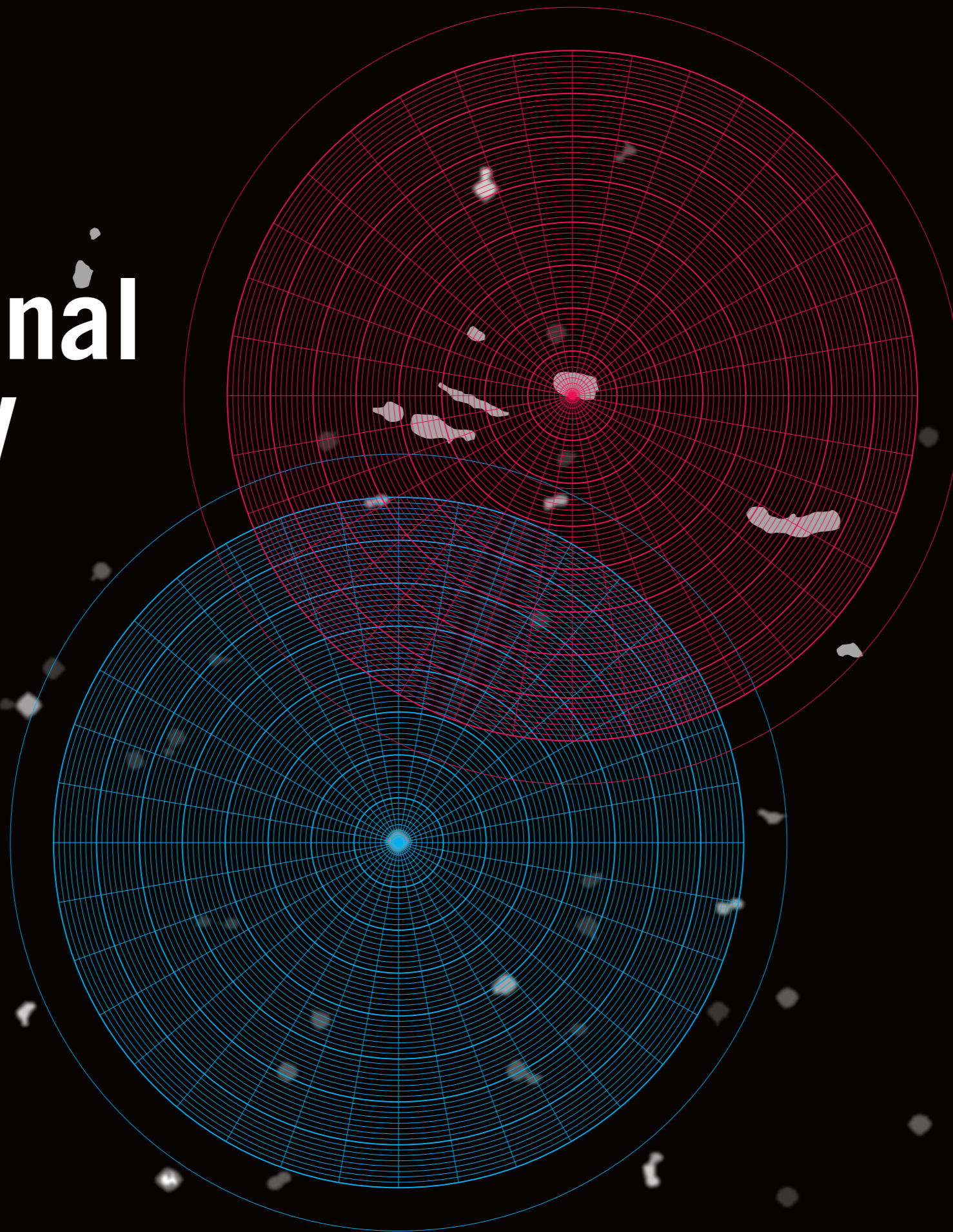
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Martin Kunz / Geneva
Carlos Martins / CAUP

LOC

Miguel Ferreira / Açores
Carlos Martins / CAUP
Manuel Monteiro / CAUP, Sysadmin
Elsa Silva / CAUP, Admin



www.astro.up.pt/azores14



Observational cosmology is going through a particularly exciting period. A range of ground and space experiments are gathering an unprecedented amount of high-quality data, which may allow us to tackle enigmas such as the fundamental constituents of nature, the nature of dark energy and dark matter, the properties of primordial fluctuations or the possible existence of a stochastic gravitational wave background.

In order to fully exploit these datasets, one requires the interplay of a broad range of expertise, encompassing theory, phenomenology, high-performance computing, data analysis and instrumentation. This school will provide PhD students and young postdocs with state-of-the-art overviews of these key issues, focusing on Euclid-relevant science. In addition to this training element, they will have an opportunity to present their own work and discuss it with world experts in the field. Attendance is limited to 40 students, who must apply by February 28.

Organizers



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