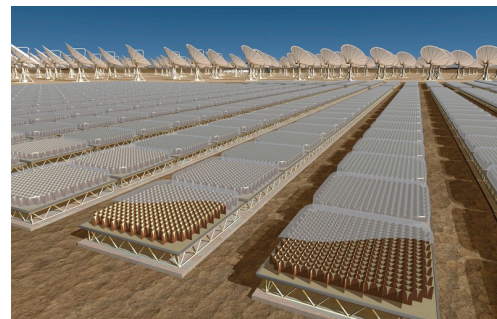


Astronomy with Megastructures: Joint science with the E-ELT and SKA

May 10-14 2010, Crete



A new era is dawning in Astronomy with the promise of extremely sensitive new facilities to probe the Universe across the electromagnetic spectrum. The European Extremely Large telescope (E-ELT) and the Square Kilometre Array (SKA) have been picked out as particularly high-priority projects for the future. This workshop will focus on joint science with E-ELT and SKA, in the context of results from other key ground- and space-based facilities. We envisage that participation in this meeting will reflect the importance of international collaboration in delivering mega-structures for astronomy, as illustrated by the imminent commissioning of ALMA.

The meeting is organised around five science themes: Exo-planets and Astrobiology; The Local Universe; Physics of Extreme Objects; Galaxy formation and the Young Universe; Cosmology and Fundamental Physics.

Talks will be organised in both plenary and parallel sessions within these five science themes. In addition to E-ELT and SKA, other major facilities that we expect to be operating on a similar timescale on the ground and in space (such as ALMA, JWST, LSST, IXO, FIR missions and GAIA) will also be discussed, as will the technologies and impact of the E-ELT and the SKA.

For details including the preliminary programme and registration process, please see www.physics.ox.ac.uk/users/Karastergiou/Greece2010

Registration and Abstract submission

The registration deadline is 28 February 2010. Abstracts for presentations (oral/posters) can be submitted by the same deadline.

Location and Accommodation

The conference will be held at the Mirabello Beach and Village Hotel, 2 kilometres from the town of Agios Nikolaos on the island of Crete. Rooms at the hotel can be booked at the time of registration via the Workshop web page.

Funding

Some funding is available (about 10 grants of 700E) to help cover costs for those who do not have other sources of funding. Preference will be given to students and junior postdocs. Please see the conference web site for details.

Looking forward to seeing you in Crete,
The SOC

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