

SKA 2010

The SKA Project will hold a science and engineering meeting from 2010 March 22-25. This meeting is intended to be in the spirit of previous SKA science and engineering meetings, which were influential in shaping the direction of the SKA. However, now that the SKA has entered the system design phase, this meeting will have a greater focus on system and engineering decisions, and their impact on the scientific observations to be conducted by the SKA.

SKA activity world-wide is gathering pace as the project moves towards funding and site decisions in a few years time. PrepSKA and its sub-system verification programs, TDP, SKADS, and the Precursor and Pathfinder projects, are all contributing to the body of knowledge needed for the costed system design and SKA implementation plan to be delivered at the end of PrepSKA. On the astronomical side, the SKA science case is being refined and deepened through the focus on multi-wavelength observations and science simulations being carried out around the world.

The aim of SKA2010 is to bring the astronomical and engineering community together to discuss

1. The latest astronomical results in SKA-relevant areas,
2. The status of engineering studies for the SKA systems and sub-systems, and
3. Design/science trade-off issues for the SKA.

The results of these discussions are likely to have substantial impact on the direction of the Project.

Session Topics

We invite papers on the following SKA science or engineering topics, particularly those that emphasize the impact on the scientific observations to be conducted by the SKA or that take a system-engineering approach to the design of the telescope:

- Science with the SKA
- Receptor Engineering
- Pathfinder/Precursor Project Science Talks and the SKA
- Software and Data Management
- SKA Configuration and Operations

Registration and Logistics

Dates: 2010 March 22–25

Venue: SKA Program Development Office,
University of Manchester, Manchester, UK

Registration: enquiries@skatelescope.org

<http://www.skatelescope.org/pages/SKA2010/ska2010.htm>

Invited Speakers

F. Abdalla
P. Padovani
D. Psaltis
J. Pritchard
G. Bower (TBC)

J. Greaves
L. Greenhill
J. Jonas
M. Kramer
R. Norris

R. Perley
H. Röttgering
I. Smail (TBC)
L. Stavelly-Smith

Organizing Committee

R. Schilizzi
P. Dewdney
J. Lazio
K. Cloete

J. Cordes
T. Cornwell
R. Fender
B. Gaensler

M. Hoare
J. Jonas
S. Ransom
J. van Gorkom

K. Kellermann
P. Napier
A. van Ardenne

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