
FIRST ANNOUNCEMENT

FROM PLANETS TO DARK ENERGY:
THE MODERN RADIO UNIVERSE

October 1-5, 2007
The University of Manchester, UK

Webpage: <http://www.jb.man.ac.uk/mru2007/>
Email enquires: mru2007@jb.man.ac.uk

Dear colleagues,

This is the first announcement of the conference "From Planets to Dark Energy: the Modern Radio Universe", organised by the University of Manchester and to be held October 1st-5th 2007 in Manchester, UK.

Conference Rationale:

This meeting will focus on the current status of future prospects for the key science themes to be addressed by the Square Kilometre Array (SKA). The SKA will have of the order of a million square metres of collecting area and will achieve a spatial resolution better than 0.1 arcsecond at 1.4 GHz. With such a telescope, some of the major questions of our time can be addressed. What are dark energy and dark matter? What is the origin of the observed structure in the Universe? How did planets like the Earth form?

The location and timing of the meeting are deliberate; October 4th 2007 will be the 50th anniversary of the launch of Sputnik I and the radar detection of the Sputnik launch rocket by the 76-m (250-ft) Lovell telescope at Jodrell Bank Observatory. This meeting will therefore also celebrate 50 years of the Space Age and the Lovell telescope with a review of the modern state of radio astronomy and the new horizons that the SKA will open.

Invited Speakers:

Confirmed invited speakers include: Chris Carilli (USA), Jim Cordes (USA), Thiebault Damour (France), Andrea Ferrara (Italy), Bryan Gaensler (Australia), Guido Garay (Chile), Micheal Kramer (UK), Steve Rawlings (UK), Frank Shu (Taiwan) and Kandu Subramanian (India).

Scientific Organising Committee:

Susanne Aalto (Sweden), Rustan Dagkesamanskiy (Russia), Phil Diamond (UK. Chair), Luigina Feretti (Italy), Steve Furlanetto (USA), Bryan Gaensler (USA), Vicky Kaspi (Canada), Luis Rodriguez (Mexico), Dick Manchester (Australia), Ravi Subrahmanyam (India), Richard Schilizzi (The Netherlands. Co-Chair), Steve Rawlings (UK), Alex Szalay (USA), Jill Tarter (USA) & Xiang-Ping Wu (China)

Registration & Conference Size:

If you are interested in receiving further announcements, please send an email to majordomo@jb.man.ac.uk with "subscribe mru2007" in the body of the message. Registration and abstract submission will be available in early 2007 and will be announced on the webpage and via a second email.

The conference fee will be 250GBP. This fee will cover the costs of organisation of the conference, the publication of proceedings and the participation of delegates at the 50th anniversary celebrations of the first observations of the Lovell Telescope at Jodrell Bank Observatory.

The size of this conference is strictly limited by the conference venue to ~200 delegates. Only full registration will guarantee attendance to the conference, so we urge all interested people to register early next year. Registration will open in early 2007. This will be advertised in the next announcement and on the webpage.

PROGRAM:

In addition to invited talks, contributed papers (oral or poster) can be presented. The SOC will select a limited number of contributions for oral presentation on the basis of the submitted abstracts. The details of the full program will be published near to the conference date.

PROCEEDINGS:

The contributions will be published as proceedings. Details will be given soon.

Important Dates:

- * November 2006: First announcement
- * January 2007: Second announcement; Registration open
- * June 2007: Third and Final announcement
- * July 1 2007: Registration and Abstract submission deadline
- * August 1 2007: Final Conference Programme

- * October 1 2007: Conference Starts
- * October 5 2007: Conference Ends