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Third Announcement of the RadioNet-FP7 Engineering Forum Workshop

"Multi Pixel Camera Receivers"

Monday, 16.-17. November 2009

Max-Planck-Insitut fuer Radioastronomie, Bonn, GERMANY

Information and registration:

<http://www.radionet-eu.org/fp7wiki/doku.php?id=na:engineering:ew:2ndew>

Contact:

Izabela Rottmann (irottmann@mpifr-bonn.mpg.de)

Reinhard Keller (rkeller@mpifr-bonn.mpg.de)

Dear Colleagues,

We are pleased to announce the socond of RadioNet Engineering Forum Workshops in FP7. The workshop "Multi Pixel Camera Receivers" will be held on 16. and 17. November 2009 at the Max-Planck-Insitut fuer Radioastronomie, Bonn GERMANY.

This meeting is the second in a series of engineering workshops sponsored and organized by the EU Consortium RadioNet-FP7 within the Seventh Framework Program of the European Commission and continues a very successful series of workshops organised in the last four years within the Sixth Framework Programme.

For information on past meeting in this series see

<http://www.radionet-eu.org/fp7wiki/doku.php?id=na:engineering:ew>

on old meetings within the FP6 RadioNet Engineering Forum see

<http://www.radionet-eu.org/rnwiki/EngineeringForumMeetings>

WORKSHOP OBJECTIVES

This meeting in Bonn is aimed at bringing together receivers engineers who are working in the field of receiver developments of more than a handful feeds. Special architecture issues related to such real multi pixel systems would be the focus of this workshop. The workshop should set the stage for sharing the diverse and high-level expertise within the Radio Astronomy Institutes. It should help isolate common technical challenges and pre-existing solutions, encourage collaboration and collaborative projects.

Everybody is asked to present his interesting work in an oral or poster presentation.

PRELIMINARY PROGRAM OF THE WORKSHOP

The meeting will be informal and should offer lots of time for discussions. Each presentation is limited to a maximum of about 20 minutes with an additional 10 minutes for discussion.

Potential Speakers are asked to send a short abstract to Izabela Rottmann <irottmann@mpifr-bonn.mpg.de> until 10. November 2009. The abstracts will be made available as a workshop worksheet.

Start of workshop: Monday, 16. November at 9:00 a.m.

End of workshop: Tuesday, 17. November at abt. noon

A dinner sponsored by RadioNet-FP7 will be held on Monday at ~ 8 p.m.

We plan to organise a trip to the Effelsberg 100m telescope on Tuesday, 17. November. Please indicate in the registration form if you would like to participate in this tour.

For an up-to-date version see:

<http://www.radionet-eu.org/fp7wiki/doku.php?id=na:engineering:ew:2ndew>

A preliminary list of topics includes:

- * Current multi pixel receiver projects worldwide
- * Special architectural properties of multi pixel receivers
- * Maintainability and reliability issues
- * Calibration issues of multi pixel receivers
- * Noise Figure measurements of multi pixel receivers
- * Software for multi pixel instruments

Up to now we have 12 Presentations, so far we got title and abstract from:

- * Glen Watts 'A Monitor and Control System for the GBT K-Band Focal Plane Array.'
- * Eduardo Artal "Cosmic Microwave Background Polarization Receivers; QUIJOTE experiment"
- * Steven White 'The K-Ban focal plan array project'
- * Matt Morgan 'The K-Band Focal Plane Array (KFPA)'
- * Danielle Kettle 'Uni Manchester work on OCRA'
- * Reinhard Keller / Peter Wilkinson 'APRICOT, the European effort for a multi pixel camera at Q-Band'

PROCEEDINGS

The presentations will be made available via Internet.

REGISTRATION AND ACCOMMODATION

Registration can be made using the online form:

<http://www.mpifr-bonn.mpg.de/div/vlbi/2ndFP7/>

Registration is prolonged until 10. November 2009 !

Accommodation information (hotel, booking) are available also on the workshop wiki page:

<http://www.radionet-eu.org/fp7wiki/doku.php?id=na:engineering:ew:2ndew>

FINANCIAL ASSISTANCE

Limited financial assistance will be provided for speakers and attendees. Please contact the chairman of the Engineering Forum, Reinhard Keller, <rkeller@mpifr-bonn.mpg.de> for more information.

DEADLINES

10. November 2009: Registration

10. November 2009: Deadline for the Abstracts

ORGANISATION

SOC: * Peter Wilkinson (Univ. Manchester), * Andrea Cremonini (IRA/INAF), * Reinhard Keller (MPIfR)

LOC: * Michael Nalbach (MPIfR), * Margot Schmitz (MPIfR), * Izabela Rottmann (MPIfR)