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First Announcement of the RadioNet-FP7 Engineering Forum Workshop

Low Noise Figure Measurements at Cryogenic and Room Temperatures

Tuesday, 23. June 2009
at the GARD of Chalmers University, Gothenburg, Sweden

(http://gard04.rss.chalmers.se/homepage.htm)

Information and registration:
http://www.radionet-eu.org/fp7wiki/doku.php?id=na:engineering:ew:1stew

Contact:
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Dear Colleagues,

We are pleased to announce a new series of RadioNet Engineering Forum Workshops in FP7. The workshop "Low Noise Figure Measurements at Cryogenic and Room Temperatures" will be held on 23. June 2009 at Chalmers University in Gothenburg, Sweden.

This meeting is the first in the 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 organized in the last four years within the Sixth Framework Programme.

For information on old meeting within the FP6 RadioNet Engineering Forum see
http://www.radionet-eu.org/rnwiki/EngineeringForumMeetings

WORKSHOP OBJECTIVES

This meeting at Chalmers is aimed at bringing together receiver engineers who are working in the field of low noise receiver components and who are involved in sophisticated measurements in this area. 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 Margareta Mattsson <margmatt@chalmers.se> until **5. June 2009**.
The abstracts will be made available as a workshop worksheet.

Start of workshop: 9:00

End of workshop: 17:00

followed by a dinner with more opportunities for discussions, etc. Workshop dinner sponsored by RadioNet-FP7 will be held at Liseberg at ~ 8 p.m.

We plan to organise a trip to the Onsala Space Observatory (http://www.chalmers.se/rss/oso-en/) on Wednesday 24. June 2009 in conjunction with the workshop. The trip duration should be around 4 hours (9am

- 1pm). We plan to be back in Chalmers for lunch. 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:1stew

A preliminary list of topics includes:
* State of the art Hot-Cold load measurements
* Measurements at cryogenic temperatures
* Calibration Loads Design
* Noise Figure measurements instrumentation
* ...

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/FP7

Please register until **1. June 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:1stew

Please book your room until **1. June 2009!**

FINANCIAL ASSISTANCE

Limited financial assistance will be provided for speakers. Please contact the chairman of the Engineering Forum - Reinhard Keller (rkeller@mpifr-bonn.mpg.de) for more information.

DEADLINES

1. June 2009.: Registration and Hotel booking (room availability cannot be guaranteed after this date).

5. June 2009.: Deadline for the Abstracts

ORGANISATION

SOC:
* Miroslav Pantaleev
* Juan-Daniel Galliego
* Reinhard Keller

LOC:
* Leif Helldner
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* Izabela Rottmann

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