

RADIONET3 NEWSLETTER

Salutation

Project Coordinator: Anton Zensus (MPIfR)

This is the *RadioNet3* Newsletter No.1, the first in a series, which aims to keep all 27 partners of the Consortium and the astronomical community informed on the current activities of the programme. The project officially started on 1 January 2012, and real momentum started at the Kick-off meeting in Bonn. Since then all activities have energetically begun to bring their plans to fruition. I am certain future newsletters will inform you of more success.

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RadioNet3: Kick-off meeting

The *RadioNet3* project officially opened with the successful Kick-off on 28 February 2012, held at the Max-Planck-Institut für Radioastronomie in Bonn, Germany. 63 participants from 27 key players in radio astronomy from Europe, Australia, South Africa and South Korea met together to discuss the course of action. All Board members and all work package leaders, as well as the EC Project Officer, Elena Righi-Steele, were present among the attendees. "Lessons-learned" from the previous RadioNet were passed by Michael Garrett and Andre van Es.


Guests from ASTRONET (Simon Berry & Michael Grewing), a consortium of the Largest funding agencies for astronomy in Europe, and SKA (Patricia Vogel & Arnold van Ardenne) were invited to ensure a close cooperation towards common goals and future astronomy international partnership, established to design and build the world's largest and most sensitive radio goals and future astronomy facilities.

JRAs kicked off



Joint Research Activities – JRAs started officially on 1 July 2012, to avoid overlapping with the previous RadioNet project.

Kick-off meetings already in place:

Hilado	Amsterdam, 26-27 April 2012	
DIVA	Bonn, 7-8 May 2012	
AETHER	Cagliari, 18 September 2012	



Transnational Access

The Transnational Access (TNA) programme of *RadioNet3* offers access to several telescopes and arrays, operated by European organizations. These cover an unprecedented range of wavelengths, from 10 MHz to 1 THz, and resolving power from minutes to milli-arcsec: **EVN, JCMT, e-MERLIN, Effelsberg, LOFAR, WSRT, IRAM (PdBI & PV), APEX & SRT.**

The European users are provided with professional support covering all aspects of the use of facilities, from preparation through observations and to data interpretation. The

Outreach

RadioNet3 [outreach](#) comprises a set of different items: poster, movie, conference folders, notepads, pens, balloons, stickers and Post-its. Special attention should be paid to the TNA bookmarks, including basic technical and scientific information on the TNA telescopes as well as contact information.

RadioNet3 roll-up displays (85 x 215 cm, 5 kg each) have been produced. It is a set of 3 displays on TNA, NA/JRA and RadioNet. Each can be used separately.

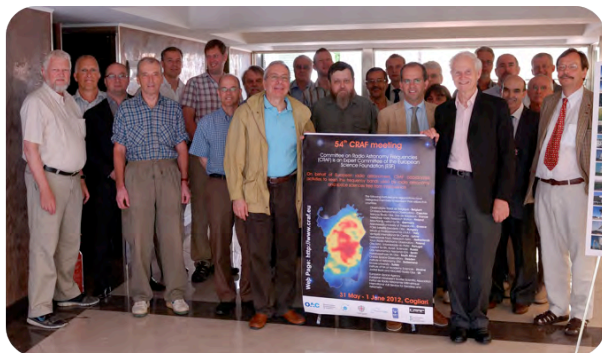
The premier of the RadioNet Roll-up display was at the XXVIII IAU General Assembly held in Beijing, China, 20-31 August 2012.



RadioNet3 outreach material is available on request to

rn3@mpifr.de

Network Activity News



The RadioNet3 thanks the previous chairman Axel Jessner for his impressive work!

NA- SPECTRUM MANAGEMENT

INAF-Astronomical Observatory of Cagliari (Italy) hosted 27 participants of the 54th CRAF meeting on 31 May and 1 June 2012. The main topic was "ESF Expert Committee on radio Astronomy Frequencies". The participants visited the newly finished Sardinia Radio Telescope (SRT).

CRAF approves Dr. Michael Lindqvist (OSO) as the new NA- Spectrum management leader.



The exciting European Cup final match between Germany and Italy was followed by the participants at the shore.

NAs - SCIENCE WORKING GROUP (SWG) & New Skills for astronomers

SWG actively follows dissemination of the astronomical results and provides financial support for events promoting them. The New Skills activity addresses practical objectives of exploitation of current and future radio astronomy facilities. In the first ten months of the project, *RadioNet3* supported the following events:

RTS2012 Resolving The Sky Radio Interferometry: Past, Present & Future

LOFAR Surveys: "LOFAR's view of galaxy clusters"

1st Italian SKA Meeting "The Italian Pathway to SKA"

European Cycle 1 ALMA Community Days

mm-VLBI with ALMA and other telescopes

EWASS 2012 Meeting: "Gas for Cosmology in the Nearby Universe"

EWASS 2012 Meeting: "The Galactic Plane reloaded: from TeV to MHz"

XLII YERAC

8th IRAM Millimetre Interferometry School

11th EVN Symposium

AAVP Meeting

April 2012, Manchester (UK)

May 2012, Nice (FR)

June 2012, Rome (IT)

June 2012, Garching (DE)

June 2012, Garching (DE)

July 2012, Rome (IT)

June 2012, Rome (IT)

September 2012, Pushchino (RU)

October 2012, Grenoble (FR)

October 2012, Bordeaux (FR)

October 2012, Bologna (IT)

Details for all meetings are available on the Radionet3 website

Upcoming events

Nuclei of Seyfert galaxies and QSOs
6-8 November 2012 - Bonn, Germany

Advanced radio interferometry, commissioning skills and preparation for the SKA
13 - 16 November 2012 - Manchester, United Kingdom

The First Year of ALMA Science
12-15 December 2012 - Santiago, Chile

LOFAR data analysis week
28-31 January 2013 - Leiden, The Netherlands



RadioNet3 Governance *appointed by the Board*

Board *Chair* Rafael Bachiller (OAN)
 Vice-Chair Patrick Charlot (BORD)

Executive Committee: (beside JRA leaders, chair and management)

TNA coordinator: Simon Garrington (UMAN)
At-large member: Huib J. van Langevelde (JIVE)

Management:

Coordinator Anton Zensus (MPIfR)
Project Scientist Franco Mantovani (MPIfR)
Project Manager Izabela Rottmann (MPIfR)
Project Assistants Aukelien van den Poll (JIVE)
 Andrea Danzel (MPIfR)
 Elena Schwetz (MPIfR)

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