



RadioNet Beneficiaries

1. Netherlands Institute for Radio Astronomy (ASTRON), the Netherlands



2. Institut de Radioastronomie Millimetrique (IRAM), France



3. Istituto Nazionale di Astrofisica (INAF), Italy



4. Joint Institute for VLBI in Europe (JIVE), the Netherlands



5. Max-Planck-Gesellschaft zur Foerderung der Wissenschaften (MPG), Germany



6. The University of Manchester (UMAN), UK



7. Chalmers University of Technology (OSO), Sweden



8. Torun Centre for Astronomy (UMK), Poland



9. Science and Technology Facilities Council (STFC), UK



10. Netherlands institute for Space Research (SRON), the Netherlands



11. Observatoire de Paris (OBSPAR), France



12. Universität zu Köln (KOSMA), Germany



13. Fundacion General de la Universidad de Alcala (FG), Spain



14. Technical University of Delft (TUD), the Netherlands



15. European Southern Observatory (ESO), Germany



16. Korean Astronomy & Space Science Institute (KASI), Korea



17. University of Roma Tor Vergata (UROM), Italy



18. University of Cambridge (UCAM), UK



19. University of Oxford (UOXF), UK



20. Bordeaux University (BORD), France



21. Ventspils University of Technology (VENT), Latvia



22. Helsinki University of Technology (TKK), Finland



23. National radio Astronomy Observatory (NRAO), USA



24. University of Orléans (UORL), France



25. Fraunhofer Institut für Angewandte Festkörperphysik (IAF), Germany



26. National Research Foundation (HARTRAO), South Africa



27. Shanghai Astronomical Observatory (SHAO), China



Networking Activities

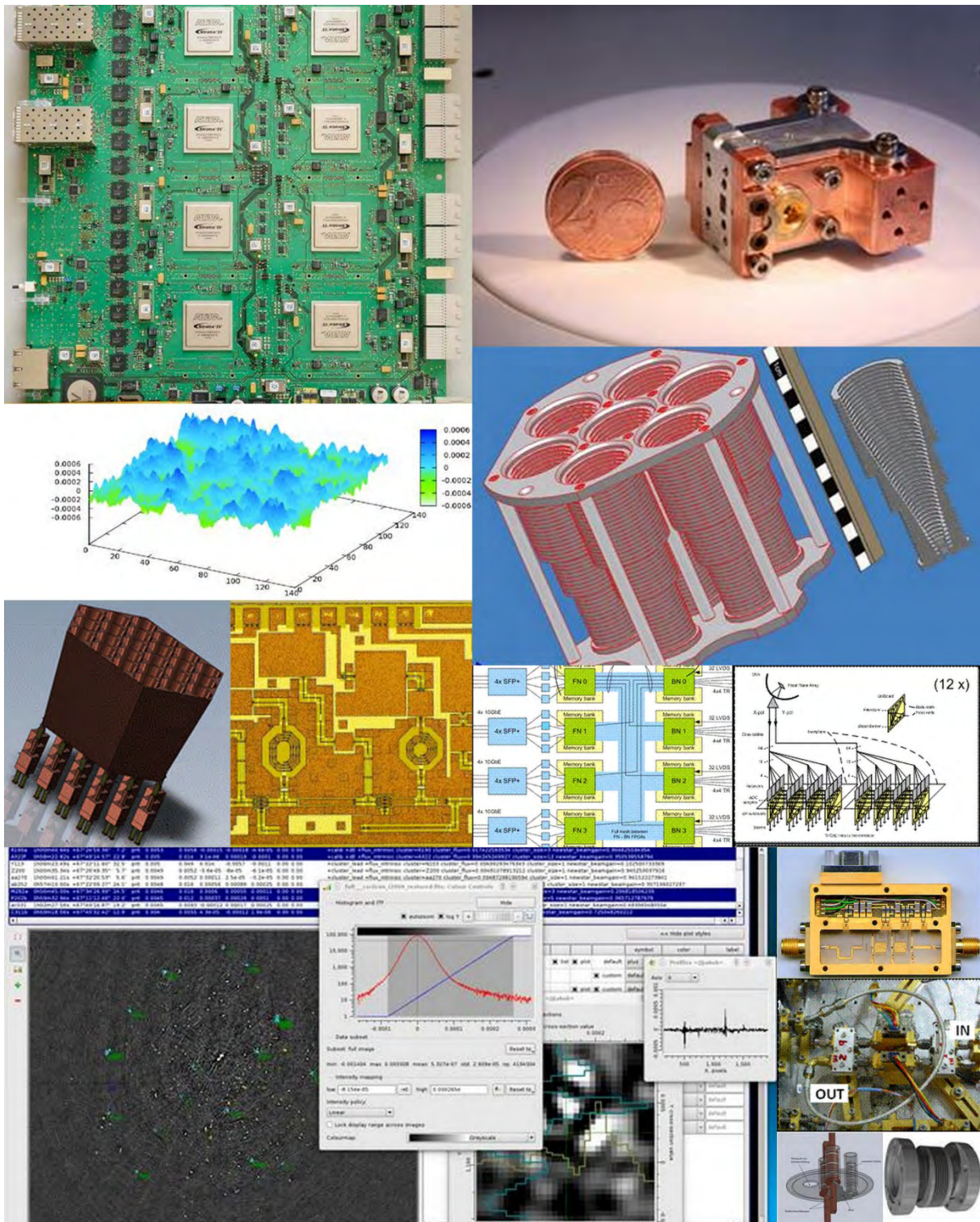
Period 1



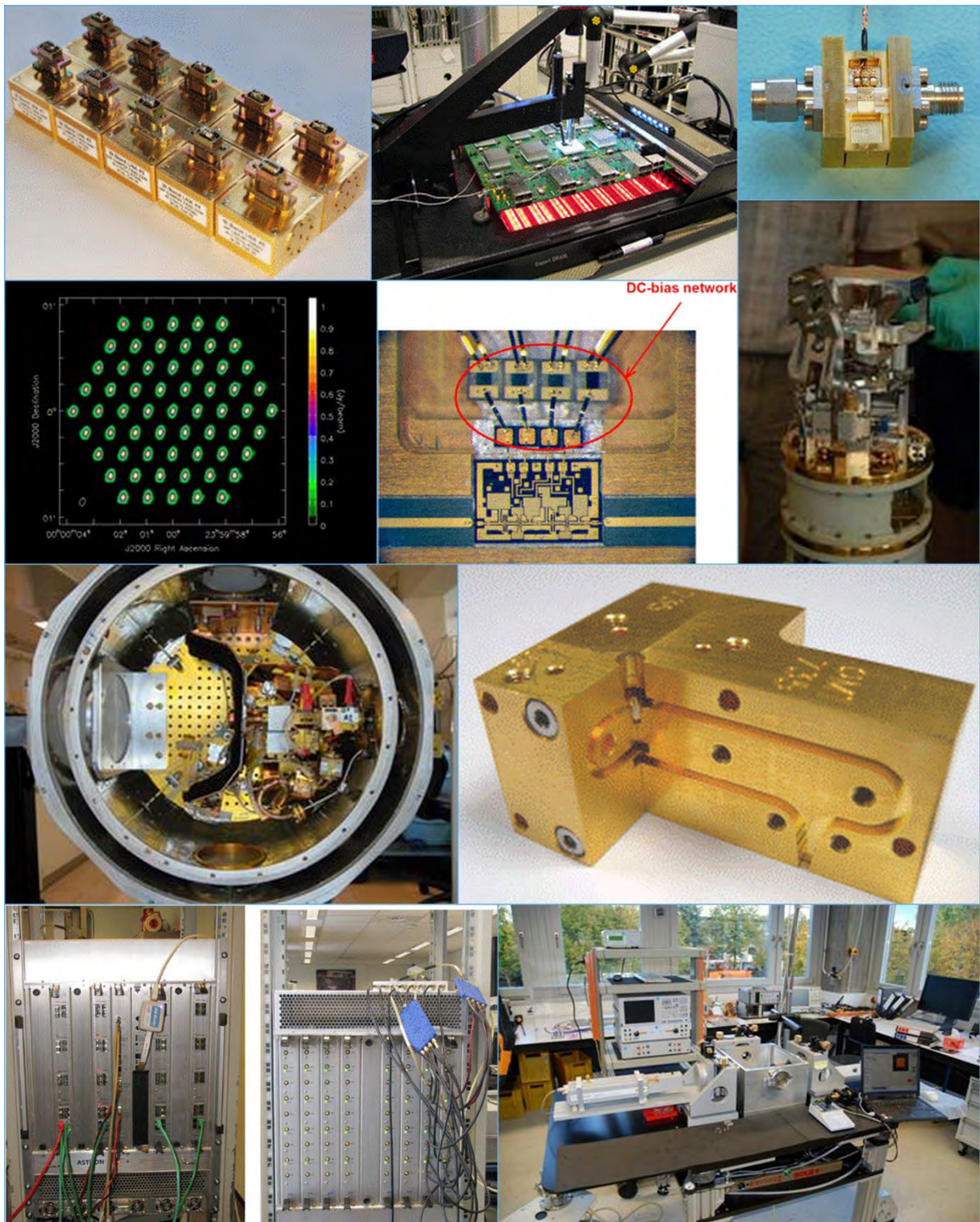
Period 2



Period 1



Period 2



Transnational Access



RadioNet Flyer (*full flyer below*)

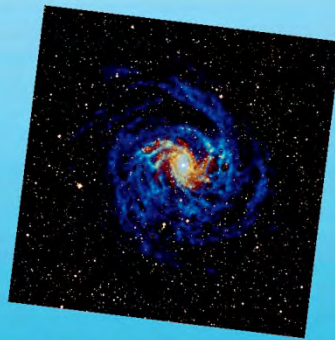
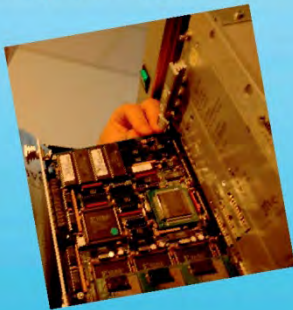


advanced radio
astronomy in Europe



RadioNet is an EC integrating activity that brings together all the major radio observatories in Europe, covering the frequency range of 10 MHz to 1 THz.

The overall aim is to support the radio astronomy community in general, and to improve the capabilities of, and enhance access to, the major radio astronomy facilities in Europe and beyond.



RadioNet FP7 supports state-of-the-art developments in radio astronomy via a programme of:

- TRANSNATIONAL ACCESS
- JOINT RESEARCH ACTIVITIES
- NETWORKING ACTIVITIES



(c) ESO

Atacama Large Millimetre Array (ALMA)



The Square Kilometer Array (SKA)

Artists Impression of the next generation radio telescopes



TRANSNATIONAL ACCESS

- **IMPROVES** the access of European astronomers to the major radio astronomical infrastructures that exist in, or are owned and run by, European organisations
- **DRAWS** together all of the European radio facilities under one umbrella and offers astronomers an integrated, professional and consistent level of user support



JOINT RESEARCH ACTIVITIES

COMBINES together Europe's expertise in developing innovative technologies for radio astronomy:

- **ALBiUS** - Advanced Long Baseline interoperable User Software
- **AMSTAR+** - Focal Plane Arrays at Millimeter/Sub-millimetre wavelengths and THz frequencies for Astronomical Research
- **APRICOT** - All Purpose Radio Imaging Cameras on Telescopes
- **UniBoard** - A multi-purpose scalable computing platform for Radio Astronomy



NETWORKING ACTIVITIES

ENSURE knowledge transfer within community between astronomers, engineers and students:

- Science Working Group
- European Radio Astronomy Engineering Forum
- Training for Radio Astronomers

SUPPORT combined European endeavours to protect the radio frequency spectrum for astronomical use via the Committee on Radio Astronomy Frequencies (CRAF)

PROJECT INFORMATION

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The **RadioNet** FP7 project consists of a consortium of 26 partners and is made possible by the EC Seventh Framework Programme.



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RADIONET - advanced RADIO ASTRONOMY IN EUROPE

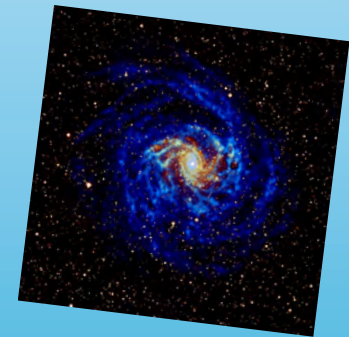
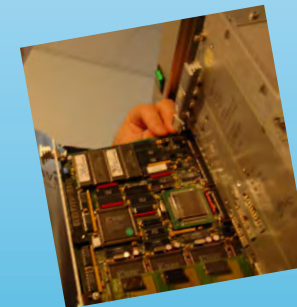
Contract number 227290 within the integrating activity: 'Combination of Collaborative Project and Coordination and Support Action' of the EC Seventh Framework Programme



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