

FABRIC

kick-off meeting

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Welcome & Logistics



- Logistics
 - Late start, work during lunch, ordered Chinese...
 - Next 2 days: EVN meeting of Technical Operations Group
 - Many people around this afternoon
 - Let's try to keep focus on FABRIC today
 - No transparent network during this meeting...
- Introduction of participants
 - Not all of us are familiar with VLBI practice
 - Or Grid, or LOFAR, or eMERLIN
 - **Please interrupt when things are not clear!**
- Agenda
 - Is it OK?
 - Minutes: Ruud Oerlemans
 - Must be made available on-line
- First meeting within EXPReS
 - Not all details on management clear

- 10.30 Introduction & Tour of JIVE (Van Langevelde)
- 11.30 *Coffee/Tea*
- 12.00 Welcome and logistics (Van Langevelde)
- 12.15 Overview and management of EXPReS (Garrett)
- 12.45 *Lunch/Buffer*
- 13.00 FABRIC Management and guidelines (Van Langevelde)
Web pages, time-sheets, reporting
- 13.30 FABRIC overall project plan (Van Langevelde)
- 14.00 Expertise and ambitions Metsahovi (Mujunen)
- 14.20 Expertise and ambitions JBO (Spencer)
- 14.40 Expertise and ambitions Onsala (Conway)
- 15.00 Expertise and ambitions MPIfR (Alef)
- 15.20 *Tea Break*
- 15.40 Expertise and ambitions ASTRON (Maat)
- 16.00 Expertise and ambitions PNSC (Meyer)
- 16.20 Expertise and ambitions JIVE (Oerlemans/Pogrebenko)
- 16.40 Discussion work packages data acquisition
Timing and resources
Shape of the deliverables
Interfaces
- 17.35 Discussion work packages distributed correlation
Timing and resources
Shape of deliverables
Interfaces
- 18.30 *Dinner*
- 19.00 Discussion on implementation plans by institute
- 20.00 Wrap up, action items, future meetings, reporting etc.
- 20.30 End

Goal of this meeting

The FABRIC logo consists of the word "fabric" in a lowercase, sans-serif font, colored in a teal or light blue. The text is set against a square background with a multi-colored plaid or checkered pattern. The colors in the pattern include shades of blue, green, yellow, and red.

- Get to know each other
 - Who are we and what is our expertise
 - What are the ambitions of all groups
- Explain boundary conditions
 - Management
 - Reporting
 - Money flow
- Brainstorm on project components
 - This is an R+D project, primary aim not an operational system
 - Boundary conditions are
 - Manpower allocations
 - And contracted deliverables
 - Outline workpackages per institute
 - And identify interfaces between packages and existing practice
- Make sure we get started!

Goal of the project



- Develop: methods for high data rate e-VLBI using distributed correlation
 - High data rate eVLBI data acquisition and transport
 - Develop a scalable prototype for broadband data acquisition
 - Prototype acquisition system
 - Establish a transportation protocol for broadband e-VLBI
 - Build into prototype, establish interface normal system
 - Interface e-VLBI public networks with LOFAR and e-MERLIN dedicated networks
 - Correlate wide band Onsala data on eMERLIN
 - Demonstrate LOFAR connectivity
 - Distributed correlation
 - Setup data distribution over Grid
 - Workflow management tool
 - Develop a software correlator
 - Run a modest distributed eVLBI experiment
- Produce: prototypes, demos, reports, meeting minutes
 - And spend the money in an accountable way...