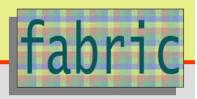
FABRIC kick-off meeting

Huib Jan van Langevelde

## Welcome & Logistics

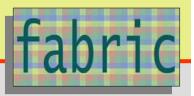


### Logistics

- Late start, work during lunch, ordered Chinese...
- Next 2 days: EVN meeting of Technical Operations Group
  - Many people around this afternoon
  - $\cdot$  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
    - $\boldsymbol{\cdot}$  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/Buffet
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



#### Get to know each other

- $\boldsymbol{\cdot}$  Who are we and what is our expertise
- $\boldsymbol{\cdot}$  What are the ambitions of all groups

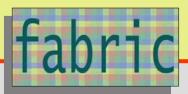
### Explain boundary conditions

- 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
      - $\cdot \operatorname{Run} a$  modest distributed eVLBI experiment
- Produce: prototypes, demos, reports, meeting minutes
  - And spend the money in an accountable way...