

eVLBI/VLBI/Networking meetings & workshop

Venue: Brodie Hall Building 610, Turner Ave. Technology Park, Bentley.

Tuesday and Thursday in videoconference room.

Wednesday in Board room.

Rooms will be signposted on the day.

Tuesday 10 March 2009: eVLBI/VLBI/networking general

Morning session: General eVLBI and Networking

09:00 - 09:30 Coffee/breakfast

09:30 - 09:45 Introductions

09:45-11:00 Setting the scene

- Distributed VLBI/eVLBI concepts and components (Tasso/Steven) (~15-30min)
- AARNet network - overall picture.... ~15 mins
- ATNF & LBA networks (Shaun) - ~15 mins
- Auscope

- Correlators & connections (Steven/Cormac) ~30 mins
 - Curtin/IVEC
 - ATNF plans
 - Others (?)

11:00 - 11:30 Coffee

11:30-13:00

- International connections (Shaun Amy) ~ 30-45 mins
 - NZ
 - APT (China, Japan, Korea)
 - India
 - Europe
 - USA
 - South Africa
 - South America

- ASKAP and SKA ~15-30 mins

- ACTIONS: ~15mins
 - Review of last year's networking actions.
 - NEW and continuing actions

- Open discussion

13:00-14:30 Lunch

Afternoon session: VLBI/eVLBI technical & operational

14:30 - 16:00

- DAS options - Review and Discussion (Tasso/Steven) ~15-30mins

- eVLBI - Status and plans (Chris Phillips) ~60 mins
 - issues from networks meeting
 - PAMHELA status and plans
 - eVLBI ops
 - eVLBI demos
 - CABB
 - New DAS
 - eVLBI + disks
 - Plans

16:00-16:30 Tea

16:30-17:30

Discussion on overall issues

Action items

18:30 Dinner at local restaurant

Wednesday 11th March 2009 Networking - Technical & Demo

9:00 - 10:30 Current and planned networks

- AARNet network perspective (~30 mins)
 1. 10G IP Access
 2. DCN (domestic + international)
 3. General Capacity increases (domestic SDH network)
 4. NCN/VPLS
- ATNF/eVLBI networks (Shaun) ~30 mins
 - (Current networks; plans; ASKAP & SKA; issues)
- Other networks (<15 mins each.. ~ 1hr)
 - IVEC
 - Curtin
 - UWA
 - Perth area

10:30 - 11:00 Coffee

11:00- 13:00

- eVLBI and networks: Issues (Chris Phillips) ~ 30mins
 - (eVLBI requirements; real-time issues; protocols; VDIF....)
- Network storage solutions (ARCS) ~20 mins
- Description/discussion of technical setup of demo (Groeneweg?) ~20 mins
- Open Discussion on technical network issues
 - ACTIONS

13:00-15:00 Lunch

15:00-17:30 Demo setup at UWA

17:30-19:00 Demo /cocktails

19:00 --- late Dinner/Drinks "kick-on"

Thursday 12th March 2009 LBA Operations

9:00-10:30

Operational telescope issues (Tzioumis)

- telescope problems
- telescope upgrades
- disk pool
- tests of new modes e.g. mm-vlbi
- tests and demos
- telescope support

Wiki operation and improvements

General operations & scheduling (Edwards)

- scheduling blocks
- ATNF operational model

- observing support
- remote observing
- network monitoring
- calibration issues

SCHED software (Cormac)

10:30-11:00 Coffee

11:00-13:00

Correlator issues (Steven)

- Curtin
- contract review
- Curtin support & correlation
- network transfers
- other correlators

Round table discussion - All issues

Actions review.

- Last year actions and outcomes
- New actions

13:00-14:00 Lunch

14:00-15:00

More discussion, if necessary.

~15:00 Drive to airports etc
(16:15 departure for Sydney people)