

CALIM2009 report

Intention

- Provide inventory of current work to SKA Project Development Office
- Assemble from presentations of various focus areas
- After the meeting, convert into written report
 - SOC responsibility

Time table

- Discussion time:
 - 9:45 to 10:45, 1:30 to 3:00
- Presentations
 - 3:00 to 5:00
- Group leader to participate in writing report after meeting

Suggested Topics

- Computing hardware for SKA pathfinders: Tim
 - LOFAR CP, ASKAP, MWA, GPGPU
- Software frameworks for SKA pathfinders: Ronald
 - AIPS, CASA, MeqTrees, BBS, pipelines, AIPY
- Wide field computational approaches: Sanjay
 - OMM, gridding + FFT, software holography
- Image plane effects: Jan
 - e.g. ionosphere, polarization, pointing, PAF
- Mathematical approaches to image deconvolution: Ludwig
 - Compressive sampling, shapelets, etc.

Format

- In powerpoint - 10min+10min
- List attendees of group
- List relevant talks
- Inventory of work in this area
 - Can include work by non-attendees
- Unresolved issues
 - Suggested next steps
- Comments on applications to SKA

Guidelines

- Inventory is top priority
- Comparison/ranking is secondary
 - Try to avoid long “discussions”