

**There is a lot of overlap between individual institutes...**

→ Need a roadmap w.r.t who does what, milestones, etc.

**How do we meet these timelines +12 mths ?**

e.g. Preliminary Report on Configurations

→ Let Arnold van Ardenne know now we have concerns

**Interaction with EMBRACE DS5**

→ Parbhu Patel

**Confusion about the SKA Reference Design document**

Tim – we should keep working on Aperture-Array interferometry simulations – irrespective of baselines

Our results should be in the context of the Reference Design – Steve Tingay.

**Do we need to modify goals of DS2(T2) w.r.t.**

(i) SKA Phase 1 (10% SKA)

(ii) Smart dishes ? [APERTIF, xNTD, KAT]

**Simulations**

Common code – common approach ? Warning that it may be necessary to have multiple approach, multiple s/w in order to truly understand and control

Tim Cornwell – adopting an existing package to use as a black box is unrealistic.

Need to evaluate AIPS++, MIT-LOFAR???

New correlator for BEST... - general question how do correlator approximations/errors effect Dyn.range etc.

## **Information exchange**

Wiki on SKADS web-site with version control. Code repository ?

Wiki.mpifr-bonn.mpg.de (skadsDs2+2)

MAG to contact Arnold and tell him we really need a wiki.

Face-to-face meetings, telecons etc.

Do we need to identify sources of documentation (e.g. Cornwell doc on SD).

Common approach to job adverts – action on all (Cormac).

List of people who should be on DS2T2 mailing list.

Send DS2 ads to SKADS web-site appointments page.

Matching funds in DS2T2 must satisfy local auditor.

## **ASTRON**

Using existing man-power...

→ we won't make progress without new hires ? Question for all of us...

APERTIF & Smart dish connection (Baan to explore with Tom Oosterloo ?)

## **Kapteyn**

DS2T1 ? / DS2T2 overlap healthy.

## **INAF**

Grid activities

Medicina e-VLBI fibre ends in CERN Tier 1 supercomputing room

FOM array configurations basis for DS2T2 work (Cormac/Mauro).

## **MPIfR**

Postdoc 2 yrs + New student

- working in Australia part of time.

Pixel science vs blobby science.

John Dickey – filling factor.

## **Valencia**

Experience with simulations → large computing resources.

Astrometric capabilities , Geodetic capabilities, Spacecraft tracking

## **Swinburne**

SKA config analysis report == deliverable #1 ; optimization of site proposal configurations, basis for deliverable #3 ?

Overlap with Andrei's FoM

Deliverable 1: Swinburne/IRA/MPIfR/Valencia

Deliverable 2: Aperture Array model/sim – xNTD/KAT – Tim – AIPS++

JIVE Postdoc - long-term visit to CSIRO.

Start with a patch → single baseline

Deliverable 3: new imaging/cal techniques: xNTD/KAT,

Specific deliverables... ??????

Swinburne to host extended visits by SKADS...

Prioritise model skys...

Fully simulate few % SKA

## **Glasgow**

1UK SKADS PDRA + 3 staff interested.

FP6 supports travel

**Leiden** – no show, need to ensure they are on-board and active.