

SWG Chairs meeting 16/01/2024

Anna leading on behalf of Robert.

SWG Chairs: Casasola, van Loon, Ng, Gupta, Zucca, Radcliffe, Joshi, Hessels, Vernstrom, Datta, Forbrich, Sargent, Yang, Muller, Ingallinera, Hurley-Walker, Sharma

Guests: Camilo

SKAO: Williams, Bourke, Bonaldi

Cosmology SWG meeting ongoing in Portugal. Anna attending.

### **Science Meetings**

Note that EAS SS31 The SKA Observatory: pathway to science operations, July Padova now accepted

Tessa noted: One more meeting to add to this list, Cosmic Magnetism in the Pre-SKA era, Japan May 27-31, [http://ska-jp.org/ws/SKAJP\\_MAGWS2024/index.html](http://ska-jp.org/ws/SKAJP_MAGWS2024/index.html)  
Cosmology in the Alps - no remote participation but slides and recordings will be made available.

Jason: Also a note that FRB 2024 is planned for November and will happen in Thailand. More details to follow.

### **Construction Strategy**

Design target AA4. Funding committed for AA\* (staged deployment)

Presentation on array layouts for AA2, AA\*, AA4

### **Sensitivity calculators & array layouts**

See tools page: <https://www.skao.int/en/ska-tools>

What is the timeline for call for proposals for KSPs and PI proposals. 2027?

A: PI call will come first, less risk. KSP later. We will send out more information soon on timelines now that the plans for AA\* are in place.

Any plan for a python API for the calculator

A: It has been discussed and is likely to happen

Is pulsar mode planned for calculator

A: Yes, in progress

Can a sub-array config be uploaded to the calculator

A: no, but can be used with the python code. A fix number of sub-arrays will be offered by Operations

Many new chairs, so many seeking to have input into the sub-array discussions. Will make these known to the Science and Operations team working on those (Wendy is part of this team).

Feedback from Wendy: "It will be possible to add to the set of sub-array templates in the future - the set defined now will not be the only ones that can be used. Future versions of the sensitivity calculators will include the set of subarray templates."

Jason: request to have a regular update on these calls as to the timelines and opportunities for community involvement, including commissioning activities, not just calls for proposals.

Tessa: Record the meetings please.

A: yes we will, not able to today due to zoom room ownership.