

Meeting Summary

John Conway

Thanks for your attendance!

- 61 registered to attend with up to 10 joining online; numerous other people wanted to come but had schedule conflicts.
- Wide range of SKA science - a challenge - but format of short talks worked OK. Thanks to all for explaining their science to none experts!
- Good for everyone to know the wide variety of science being done/planned in Sweden for SKA and join the islands of activity together.
- Good to see many interesting contributions from early stage researchers.
- Plan to as soon as possible put presentations online.

Getting Involved (1)

- Join Sweden SKA/LOFAR mailing list – news about meetings, proposal deadlines, training workshops etc – we will prompt attendees to sign up
- Planning a new SKA-Sweden web page collecting proposal deadlines etc for SKA Precursors/Pathfinders - lots of these, can be confusing to new radio users.
- All the above instruments now mature and open for proposals and increasingly for archive science – many key projects have massive amounts of data and welcome new collaborators!

Getting Involved (2)

- Join your favourite SKA Science Working Group (14+ available) – these organize international meetings in their subjects.
- Theorists welcome to above SWG groups – significant work going on making predictions for what SKA will see – forms contacts, writing papers. Likely that Key Science Projects (70% of SKA science) will form out of SWGs - Good time to get involved now prior to first science access in 2026.
- Also observers coming from other observing bands very welcome to get involved. Much of power of SKA in many areas will be combining with other wavebands.
- With SKA we finally leave ‘black belt’ era of cm/m wave radio astronomy fully behind – SKA will produce image cubes (Full Stokes - ‘field spectroscopy’ as standard, with high time resolution if needed).

Getting Involved – 3. – Upcoming meeting

Dates and Deadlines

December 2, 2022 – Abstract Submission Opens

January 16, 2023 - Registration, Financial Support Requests Opens

February 10, 2023 - Abstraction Submission Deadline for Oral Presentations

March 3, 2023 – Final Program Announced

March 7, 2023 - Final Date for reduced In-Person Registration Rates

March 31, 2023 – Final Date to Request Financial Support

April 7, 2023 – In-Person Registration Deadline, Poster Abstract Deadline, Hotel Reservation Cutoff Date

May 1-5, 2023 - Meeting in Vancouver, BC

The ngVLA covers frequency range of old SKA-high, links to ALMA frequency range



Swedish Proto- SRC Centre node Opportunities

- We are building a Swedish SKA regional centre node to store 10 PB/yr of new data and provide 300 TFlop/s of processing capacity by 2028.
- Ramping up SRC node activities in next few years – **resources now for community – to support your science on SKA Precursors/Pathfinders**, either observing proposals or archive processing. Will communicate to Swedish community on emerging opportunities.
- Potentially the final SRC node can provide Swedish resources also for other wavebands for data archive, analysis, source finding etc.

Next Steps

- Given timeline for SKA with 2023 -2024 -2025 –2026 (First SKA science access) - suggest maybe next Swedish SKA science meeting in late 2024 early 2025 (18 to 24 months from now).
- Perhaps this meeting had just a bit too little time for discussions, so next time make meeting a little longer - perhaps 1.5 days lunch to mid afternoon next day with time for a meeting dinner etc
- Thanks again for your attendance and input to this meeting!