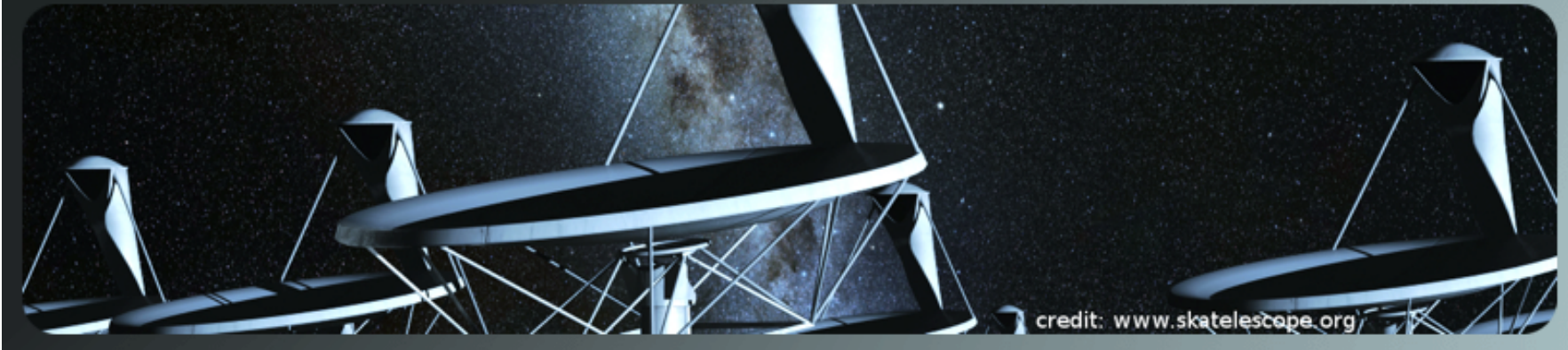


A fresh view of the radio sky: science with LOFAR, SKA and its pathfinders



Thank you for being here and
the positive feedback on (y)our SKA effort
The program slightly changed please see
hand outs or online version

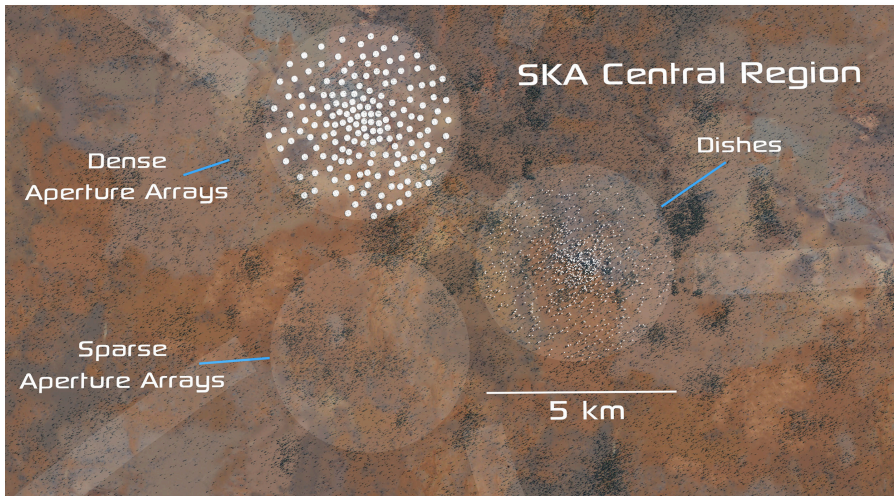


LOFAR



www.skatelescope.org

warming up: the SKA a Heidelberg perspective



today's discussion (17:15)

- structure and evolution of the German SKA community
- our next steps (e.g. joined funding)
- current status of the white paper



we do have a tight schedule please stick to your time !

[Abstract submission](#)[AG Registration](#)[Venue](#)[Programme](#)[Participants](#)[AG 2011](#)

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Tuesday 20th September

- 14:00 Hans-Rainer Klöckner Welcome & etc.
- 14:10 Michael Kramer The SKA: past, present, future a German perspective

Interstellar and intergalactic medium

- 14:30 Dominik Schleicher Magnetic field amplification with the small-scale dynamo: Implications for the SKA
- 14:45 Torsten Ensslin Magnetic field structures and statistics: unraveling the inner workings of magnetic dynamos
- 15:00 Roland M. Crocker What we could learn about the Galactic nucleus with the SKA

Galaxies and large scale structure

- 15:15 Guinevere Kaufmann Observational Studies of Gas in Galaxies
- 15:30 **COFFEE**
- 16:00 Martin Zwaan All you would like to do with the SKA on neutral hydrogen
- 16:15 Jens Jasche Bayesian Large Scale Structure Inference
- 16:30 Matthias Hoeft The cosmic radio web: Prospects for LOFAR and SKA
- 16:45 Martin Krause SKA and the plasma-universe

High performance computing

- 17:00 Thomas Fieseler HPC Challenges, expectations and solutions
- 17:15 **DISCUSSION** Structure and evolution of the German SKA community