

EISCAT_3D Preparatory Phase Kick Off Meeting

Thursday 21 October:

11:30 – 12:00 Registration

12:00 – 13:00 Lunch

13:00 – 15:00 Public Engagement

- Welcome (Esa Turunen), *10 min*
- Research Infrastructures and ESFRI (Anna-Maria Johansson, European Commission), *20 min*
- EISCAT_3D Science Questions (Esa Turunen, EISCAT Scientific Association), *25 min*
- EISCAT_3D Design Study 2005 – 2009 (Gudmund Wannberg, Swedish Institute of Space Physics), *20 min*
- EISCAT_3D Preparatory Phase Project (Ian McCrea, Rutherford Appleton Laboratory), *20 min*
- Global challenges in Earth system science and incoherent scatter radars (John Kelly, SRI International), *25 min*

15:00 – 15:30 Coffee

15:30 – 17:00 Support Activities

- Complementary international activities (Ian McCrea, Rutherford Appleton Laboratory), *15 min*
- Finnish radar receiver using LOFAR technology (Thomas Ulich, Sodankylä Geophysical Observatory), *15 min*
- Actions towards EISCAT_3D in Norway including the ESR radar imaging project, EASI (Cesar La Hoz, University of Tromsø), *15 min*
- Swedish activities besides the EISCAT_3D Preparatory Phase (Urban Brändström, Swedish Institute of Space Physics), *15 min*
- ESR and EISCAT_3D (Ola Widell, Swedish Space Corporation), *15 min*
- Discussion, *15 min*

19:00 – 22:00 Dinner

Friday 22 October:

09:00 – 10:10 Preparatory Phase Actions

- Management and reporting mechanisms (WP1, WP2 and WP5), *20 min*
- Science planning, user engagement and outreach activities (WP3, WP4), *20 min*
- Performance specification, digital signal processing, software theory and implementation (WP6, WP7, WP11), *30 min*

10:10 – 10:30 Coffee

10:30 – 11:40 Preparatory Phase Actions

- Antenna, front end and timing, transmitter development, mass production and reliability issues (WP8, WP9, WP14), *30 min*
- Aperture synthesis imaging and system control (WP10, WP12), *20 min*
- Data handling and distribution (WP13), *20 min*

11:40 – 12:00 Summary and Discussions

12:00 – 13:00 Lunch