Session Program

23–26 Nov 2026

LOFAR Beam Workshop

Presentations

ASTRON Netherlands Institute for Radio Astronomy
Oude Hoogeveensedijk 4 7991 PD Dwingeloo The Netherlands

Monday 23 November

13:20

Presentations: Simulation

Session |
Location: ASTRON Netherlands Institute for Radio Astronomy, Oude Hoogeveensedijk 4 7991 PD Dwingeloo The Netherlands

13:20–13:45 **Revisiting the E-jones in radio astronomy**

Speaker
Tobia Carozzi

13:45–14:10 **Modeling of LOFAR Low-band embedded element patterns**

Speaker
Michel Arts

14:10–14:35 **Fast EM Modelling and Analysis for Large-N Radio Telescopes**

Speaker
Quentin Gueuning

14:35–15:00 **Preliminary EM analysis of LOFAR HBA**

Speaker
Pietro Bolli

15:00

15:30

Presentations: Implementation and Validation

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15:30–15:55 **GAMBIT: Generative Bayesian Modelling of Radio Antenna Beams**

Speaker
Morteza Pashapour-Ahmadabadi

15:55–16:20 **What Lightning can tell about antennas**

Speaker
Olaf Scholten

16:20–16:45 **LOFAR2.0 Station and array calibration**

Speaker
Cees Bassa

16:45–17:10 **Polarization calibration of beamformed data using dreamBeam**

Speaker
Caterina Tiburzi

17:10

Tuesday 24 November

09:00

Presentations: Implementation and Validation

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09:00–09:25 **Antenna and signal chain calibration efforts from the CR-KSP**

Speaker
Sjoerd Bouma

09:25–09:50 **About Everybeam**

Speaker
Mick Veldhuis

09:50–10:15 **Residual leakage in LoTTS**

Speaker
Shane O'Sullivan

10:15