

LOFAR Ionospheric Workshop

Warsaw, June 2016

General session to set the scene

- Introduction - Maaijke Mevius
- Interferometric calibration - Emanuela Orru'
- GPS/TEC Ionosphere diagnostics and IGS services - Andrzej Krankowski
- Observing Ionospheric Scintillation with LOFAR - Richard Fallows
- Muti-instrument radio diagnostics - Hanna Rothkaehl

Ionospheric calibration

- Ionospheric calibration / SPAM - Huib Intema
- Deriving ionospheric information from LOFAR - Maaijke Mevius
- Interferometric observations at 60MHz: the effect of the ionosphere - Francesco de Gasperin
- LOFAR/GNSS project - Maaijke Mevius

GPS/TEC and RO techniques

- Mapping of the ionosphere parameters - Adam From
- Radio occultation diagnostics and ionosphere behaviour - Barbara Matyjasiak
- Studies of interstellar scintillation and scattering of pulsars using polish LOFAR stations - Wojciech Lewandowski

Scintillation

- Radio wave scintillation: aspects of interest for ionospheric physics and radio astronomy - Biagio Forte
- Ionospheric scintillation diagnostics - Mariusz Pozoga
- TEC and scintillation modelling - Marcin Grzesiak
- Space Weather Service in CBK - Beata Dziak-Jankowska

Summary

- Summary - Maaijke Mevius

List of Participants

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