

# 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
- Multi-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 Fron
- 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
- TEC and scintillation modelling - Marcin Grzesiak
- Space Weather Service in CBK - Beata Dziak-Jankowska

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