

Sunday 16/11

The departure times of the shuttle bus from Hoogeveen to Hotel de Borcken: 14:54 / 16:54 / 18:54

17:00 – 19:00 Registration at the Hotel de Borcken
18:00 – 19:00 Welcome Reception at Hotel de Borcken

Monday 17/11

(Coffee breaks and lunches are served in the hallway every day)

08:30 – 09:00 Registration at desk in hallway

09:00 - 09:15 Welcome

09:15 -10:00 1. Introduction to Low Frequency Radio Astronomy

10:00 -10:45 2. LOFAR Overview

R. C. Vermeulen & R. F. Pizzo

G. H. Heald

M. A. Brentjens

10:45-11:15 Coffee Break

11:15 -12:00 3. LOFAR Station Processing

12:00 -12:45 4. LOFAR observing: interaction user - Radio Observatory

M. J. Norden

R. F. Pizzo

12:45 -14:00 Lunch

14:00 -14:45 5. Correlator and Online Processing

14:45 -15:30 6. RFI flagging, Demixing and Visibilities Compression

J. David Mol

T. J. Dijkema

15:30 -16:00 Coffee Break

15:30 -15:45 Introduction to hands-on sessions

15:45 -17:45 Tutorial T1: Data inspection, flagging & Demixing

17:45 -18:15 Preparations Tutorial T5: Obtaining a personal GRID certificate

J. McKean

T. J. Dijkema

H. Holties

18:30 -21:00 School dinner (Chinese Buffet @ASTRON)

Tuesday 18/11

09:00 - 09:45 7. Introduction to Calibration

09:45 - 10:30 8. Error Analysis in LOFAR Data

A. G. de Bruyn

E. Mahony

10:30 - 11:00 Coffee Break

11:00 - 11:45 9. Calibrating LOFAR Data

J. McKean

11:45 - 12:30 10. Ionospheric Effects M. Mevius

12:30 - 14:00 Lunch

14:00 - 15:30: Tutorial T2: Calibration E. Mahony

15:30 - 16:15 Colloquium followed by a borrel until 17:30

18:30 - 20:30 Optional dinner at 'De Bospub' (participants' own costs) – pancake buffet

21:00 - 21:45 Evening lecture (@ the Hotel de Borken): 'LOFAR science' M. Wise

Wednesday 19/11

09:00 - 12:30: visit to LOFAR core (coffee/tea at 'Cafe Bussemaker', Exloo); programme:

09:00 departure bus from ASTRON

09:45 coffee/tea at Cafe Bussemaker

10:45 departure bus to LOFAR core

11:00 guided tour by M. Norden & M. Brentjens

12:15 departure bus to ASTRON

13:00 - 14:00 Lunch @ ASTRON

14:00 - 14:45: 11. Wide Field Imaging S. van der Tol

14:45 - 15:30: 12. The Standard Imaging Pipeline G. H. Heald

15:30 - 16:00 Coffee Break

16:00 - 17:30 Tutorial T3: Imaging and Source Extraction E. Orru'

Thursday 20/11

09:00 - 09:45 13. Polarization Imaging with LOFAR M. A. Brentjens

09:45 - 10:30 14. Long Baseline Imaging with LOFAR J. Moldon

10:30 - 11:00 Coffee Break

11:00 - 12:45 Tutorial T4: Long Baseline Imaging J. Moldon

12:45 - 14:15 Lunch

14:15 - 15:45 Tutorial T5: Data retrieval from the Long Term Archive H. Holties

15:45 - 16:15 Coffee Break

16:15 - 17:00: 15. Spectral Line Data Analysis

J. B. R. Oonk

18:30 - 20:30 Optional dinner at the 'T Hof van Dwingeloo' (participants' own costs) – stampot buffet

21:00 - 21:45 Evening lecture (@ the Hotel de Borken): 'MSSS: the Multifrequency Snapshot Sky Survey' G. H. Heald

Friday 21/11

09:00 - 09:45 16. High Time Resolution with LOFAR

J. Hessels

09:45 - 10:30 17. Particle Physics with LOFAR

S. Buitink

10:30 - 11:00 Coffee Break

11:00 - 11:45 18. Beam-formed Data with LOFAR

R. A. Fallows

11:45 - 12:30 19. Writing a LOFAR proposal

W. Frieswijk

12:30 - 14:00 Lunch

14:00 - 14:30 Concluding remarks

R. F. Pizzo

15:00 Departure shuttle bus from ASTRON to Hoogeveen