

## 4TH LOFAR DATA SCHOOL – FINAL PROGRAMME

<b>Sunday 04/09</b>	
17:00 – 19:00	Registration at the Hotel de Borken
18:00 – 19:00	Welcome Reception at the Hotel de Borken

<b>Monday 05/09 (Chair E. Orru')</b>		
<i>08:15</i>	<i>Bikes handed over to participants at hotel de Borken</i>	
08:30 – 08:50	Registration @ ASTRON	
08:50 – 09:00	Welcome	R. Pizzo / E. Orru'
09:00 – 09:30	1. LOFAR Science	R. Pizzo
09:30 – 10:15	2. Introduction to Low Frequency Radio Astronomy	J. McKean
10:15 – 11:00	3. LOFAR Overview	M. A. Brentjens
<i>11:00-11:30</i>	<i>Coffee</i>	
11:30 – 12:30	3. LOFAR Overview ( <i>cont.</i> )	M. A. Brentjens
<i>12:30-14:00</i>	<i>Lunch</i>	
14:00 – 14:30	4. LOFAR observing: interaction user – Radio Observatory	S. ter Veen
14:30 – 15:00	5. RFI flagging, Demixing and Visibilities Compression/gain cal	T. J. Dijkema
15:00 – 15:30	Q&A session	All
<i>15:30 – 16:00</i>	<i>Coffee</i>	
16:00 – 18:30	T1 - Tutorial Flagging, Averaging & Demixing	J. Broderick et al.
<i>18:30 – 21:00</i>	<i>School Dinner - Chinese buffet @ ASTRON</i>	

<b>Tuesday 06/09 (Chair R. Pizzo)</b>		
09:00 – 09:45	6. Introduction to Calibration, ME, Calibrating LOFAR Data	A. G. de Bruyn
09:45 – 10:15	7. Error Analysis in LOFAR Data	A. Shulevski
10:15 – 11:00	8. Ionospheric Effects	M. Mevius
<i>11:00 – 11:30</i>	<i>Coffee</i>	

11:30:- 12:00	9. Standard Imaging pipeline/Generic pipeline/MSSS	E. Orru'
12:00 – 12:30	10. Data retrieval from the Long Term Archive	L. Cerrigone
12:30 – 14:00	<i>Lunch (visit to LOFAR control room)</i>	
14:00 – 14:30	Q&A session	All
14:30 – 15:30	T2 - Tutorial Calibration	E. Orru' et al.
15:30 – 16:00	<i>Coffee</i>	
16:00 – 17:30	T2 - Tutorial Calibration ( <i>cont.</i> )	E. Orru' et al.
17:30 – 19:30	<i>School activity – GPS competition (starting at ‘T Hof van Dwingeloo’ – address: Drift 1, Dwingeloo)</i>	
19:30 – 21:30	<i>Optional dinner at the ‘T Hof van Dwingeloo’ (participants’ own costs)</i>	

<b>Wednesday 07/09 (Chair M. Iacobelli)</b>		
09:00 – 09:45	11. Wide Field Imaging	A. Offringa
09:45 – 11:00	T3 - Tutorial Imaging	A. Offringa et al.
11:00 – 11:30	<i>Coffee</i>	
11:30 – 13:00	T3 - Tutorial Imaging ( <i>cont.</i> )	A. Offringa et al.
13:00 – 14:00	<i>Lunch (visit to LOFAR control room)</i>	
14:00 – 18:00	Visit to LOFAR core (borrel at ‘Cafe Bussemaker’, Exloo)	
19:00 – 20:30	<i>Optional dinner at hotel de Borken (location TBD – participants’ own costs)</i>	
21:00 – 21:45	Evening Lecture: Playing Where’s Wally in 500 square degrees: LOFAR’s quest to find counterparts to gravitational wave sources	A. Rowlinson

<b>Thursday 08/09 (Chair A. Shulevski)</b>		
09:00 – 09:45	12. Polarization Imaging with LOFAR	M. Iacobelli
09:45 – 10:30	13. TAB imaging	R. Oonk / S. ter Veen
10:30 - 11:00	<i>Coffee</i>	
11:00 – 11:45	14. Long Baseline Imaging with LOFAR	J. Moldon
11:45 – 12:30	Q&A session	All
12:30 – 14:00	<i>Lunch</i>	
14:00 -15:30	T4 - Tutorial Long Baselines	N. Jackson et al.
15:30 – 16:00	<i>Coffee</i>	
16:00 – 18:00	T4 - Tutorial Long Baselines ( <i>cont.</i> )	N. Jackson et al.
	<b>FREE EVENING</b>	

<b>Friday 09/09 (Chair R. Pizzo)</b>		
08:15	<i>Pickup luggage at Hotel de Borken</i>	
09:00 – 11:00	T5 - Advanced tutorial / parallel sessions	E. Orru' / A. Offringa
10:30 - 11:00	<i>Coffee</i>	
11:00 – 12:30	T5 - Advanced tutorial / parallel sessions ( <i>cont.</i> )	E. Orru' / A. Offringa
12:30 – 14:00	<i>Lunch</i>	
14:00 – 14:45	Q&A session	All
14:45 -15:00	Concluding Remarks	R. Pizzo / E. Orru'