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*Project*

*„Building on Advanced LOFAR Technology for Innovation,  
Collaboration and Sustainability”*

**BALTICS**

**FINAL CONFERENCE**

**December 5, 2018**

**Jurmala**

*Hotel “Jurmala SPA”, Jomas 47/49, Jūrmala-LV-2015, Jurmala, Latvia*

*<http://www.hoteljurmala.com/lv>*

**AGENDA**

09:30 – 10:00 Registration (*welcome coffee table*)

Time	Topics	Session length	Speaker/s
10:00	General welcome	5 min	
<b>Part 1</b>			
10:05	Introduction of meeting goals, agenda, participants	10 min	V.Avotins, director of VIRAC
10:15	Overview of the BALTICS project	30 min	V.Avotins, director of VIRAC and project manager of BALTICS
10:45	Introduction of LOFAR technology and science	20 min	R. Vermeulen, ASTRON and director ILT
11:05	Introduction of eMERLIN and data science, MUST	20 min	N.Jackson (UMAN)
11:25	<i>Coffee break</i>	<i>15 min</i>	
<b>Part 2</b>			
11:40	Overview of outreach activities (WP2)	10 min	B.Reimane, project coordinator of BALTICS, VIRAC
11:50	Introduction and description of WP3	20 min	R.Witvers (ASTRON)
12:10	RF Development courses	10 min	R.Pauliks (VIRAC)
12:20	Phased Array Digital Signal Processing courses	10 min	R.Pauliks (VIRAC)
12:30	Current POLFAR Consortium Activities	15 min	A.Krankowski (University of Warmia and Mazury in Olsztyn, Poland)
12:45	Lessons learned from I-LOFAR. Space weather.	15 min	P.T.Gallager (Dublin Institute for Advanced Studies, Ireland)

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<b>13:00</b>	<i>Lunch</i>	<i>60 min</i>	
<b>Part 3</b>			
<b>14:00</b>	RF Design	20 min	G.Dreifogels (VIRAC)
<b>14:20</b>	Hands-on LOFAR hardware and its maintenance	20 min	M.Bleiders, M.Donerblics (VIRAC)
<b>14:40</b>	Hands-on Usage of UniBoard Digital Signal Processing Board	20 min	A.Orbidans, K.Luksis (VIRAC)
<b>15:00</b>	Introduction to the LOFAR Long Baselines	10 min	N.Jackson (UMAN)
<b>15:10</b>	The Long Baseline Working Group: LB calibration	20 min	N.Jackson (UMAN)
<b>15:30</b>	<i>Coffee break</i>	<i>15 min</i>	
<b>Part 4</b>			
<b>15:45</b>	Catalogue manipulation and models in the pipeline.	10 min	A.Nikolajevs (VIRAC)
<b>15:55</b>	Progress in LBCS	10 min	A.Nikolajevs (VIRAC)
<b>16:05</b>	Science with gravitational lenses	15 min	N.Jackson (UMAN)
<b>16:20</b>	e-Merlin imaging of 0631_519: development of polarisation calibration	15 min	K.Prusis (VIRAC)
<b>16:35</b>	Advanced imaging: SDP activities and the SKA	20 min	T.Cantwell (UMAN)
<b>16:55</b>	The envisaged future cooperation on developing advanced imaging	10 min	T.Cantwell (UMAN)
<b>17:05</b>	New projects from the November workshop	10 min	N.Jackson (UMAN)
<b>17:15</b>	<i>Coffee break</i>	<i>15 min</i>	
<b>17:30</b>	General results delivered, and lessons learned	30 min	V.Avotins, director of VIRAC and project manager of BALTICS
<b>18:00</b>	Closing BALTICS General Assembly		

