

Project



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

BALTICS

WORKSHOP

**„Catalysation of new generation radio telescope
- LOFAR station in Irbene user network”**

December 6, 2018

Ventspils, Irbene

(Ventspils International Radioastronomy Center)

11:00 Arrival and welcome coffee

Time	Topics	Session length	Speaker/s
11:20	General welcome (<i>welcome coffee</i>)	5 min	V. Avotins, director VIRAC
11:25	Introduction of meeting goals	10 min	V. Avotins, director VIRAC
11:35	Round-table of participants	5 min	ALL
11:40	Introduction of current VIRAC activities at Ventspils and Irbene	15 min	V. Avotins, director VIRAC
11:55	Imaging, path to SKA, SDP. Eur. Regional centre	15 min	T.Cantwell (UMAN)
12:10	The NenuFAR project	15 min	P.Zarka (CNRS – Observatoire de Paris – PLS)
12:25	Collaboration opportunities in building low frequency antenna arrays	15 min	M.Riabov (Institute of Radio Astronomy of NAS of Ukraine)
12:40	Simple Module for Building of the Low-Frequency Antenna Arrays	15 min	O.Ulyanov (Institute of Radio Astronomy of NAS of Ukraine)
12:55	GURT Subarray: Structure and Characteristics	15 min	S.Yerin (Institute of Radio Astronomy of NAS of Ukraine)
13:10	LOFAR data interpretation challenges.	15 min	E. Tikhonov (AbavaNet technology)
13:25	Science with radio recombination lines in vicinity of young massive stars	15 min	M.S.Kirsanova (Institute of Astronomy of the Russian Academy of Sciences (INASAN))





Funded by
the European Union



VENTSPILS AUGSTSKOLA

ASTRON



13:40	<i>Lunch (visiting Irbene infrastructure)</i>	<i>1h 20 min</i>	
15:00	Development and plans for Irbene station use	15 min	V. Avotins, director, VIRAC
15:15	LOFAR station construction	10 min	R. Halfwerk (AstroTec)
15:25	LOFAR2.0 upgrade plans. Space Weather and other novel research	30 min	R. Vermeulen (ASTRON)
15:55	The ILT organization	15 min	C. Baldovin (ASTRON)
16:10	Experiences with traineeships at ASTRON	10 min	R. Vermeulen (ASTRON)
16:20	BALTICS lessons learned	10 min	V. Avotins, project manager, BALTICS
16:30	<i>Coffee break</i>	<i>10 min</i>	
16:40	Discussion: identification of joint science interests	25 min	N. Jackson (UMAN)
17:05	Discussion: identification of joint technology interests	25 min	Introduced by V. Avotins
17:30	Opportunities for (international) funding	20 min	Introduced by V. Avotins, C. Baldovin
17:50	<i>Break</i>	<i>10 min</i>	
18:00	Expressions of interest in exploring collaborations	20 min	All
18:20	Any other business / extra time	20 min	All
18:40	General summary; future steps	15 min	V. Avotins, director VIRAC
18:55	Close		
Arrival in Jurmala approx. 22:00. Warm packed dinner served in the bus.			

