3rd International VLBI Technology Workshop: Programme

Sunday November 9

18.00-20.30	Registration, icebreaker reception

Monday November 10

8.30-9.00	**Registration**	
9.00-9.05	Arpad Szomoru	Opening workshop
9.05-9.20	Huib van Langevelde	Welcome
	mmVLBI	
9.20-9.40	Zulema Abraham	mm VLBI with ALMA
9.40-10.00	Helge Rottmann	The ALMA Phasing Project - Design and Status
10.00-10.20	Taehyun Jung	mm-VLBI phase correction with the KVN and its recent updates
	VGOS	
10.20-10.40	Christopher Beaudoin	Report on the new VGOS 12m radio telecope at Kokee Park Geophysical Observatory
10.40-11.10	**Coffee break**	
11.10-11.30	Ilya Bezrukov	Data recording system compatible with VGOS
11.30-11.50	Christopher Beaudoin	Status of GGAO and Westford VGOS Stations
11.50-12.10	Yoshihiro Fuzukaki	New receiving system for VGOS Station in Japan
12.10-12.30	Xiuzhong Zhang	The Development of Broadband VLBI Technologies in SHAO
12.30-14.00	**Lunch**	
14.00-14.20	Anders Emrich	VLBI2010 Front-end
	Correlators	
14.20-14.40	Aard Keimpema	Phasing up the EVN using the SFXC software correlator
14.40-15.00	Vladimir Mishin	VGOS GPU Based Software Correlator Design
15.00-15.20	Tomoaki Oyama	A progress report on the development and performance of OCTAVE-DAS and Correlator System
15.20-15.40	Jonathan Hargreaves	The JIVE UniBoard Correlator (JUC) firmware
15.40-16.10	**Coffee break**	
16.10-16.30	Harro Verkouter	Herding FPGAs - the UniBoard correlator control system
16.30-16.50	Zhijun Xu	The Development of Hardware Correlator in SHAO
16.50-17.10	Juan Zhang	The Software Correlator Status of Chinese VLBI Network
	VEX2	
17.10-17.30	Mark Kettenis	VEX2 Schedule Format Standard
17.30-18.00	VEX2 committee discussion	

Tuesday November 11

8.00	**Bus leaves to Dwingeloo**	
9.00-9.05	Arpad Szomoru	Opening, logistical information
9.05-9.20	Mike Garrett	Welcome
	Front- and Backends	
9.20-9.40	Evgeny Nosov	Current State of Russian VLBI Broadband Acquisition System
9.40-10.00	Eric Clark	The JPL DSCC VLBI Processor (DVP)
10.00-10.20	Chester Ruszczyk	Mark 6 - Present Status and Future Plans
10.20-10.40	Miroslav Pantaleev	Current development towards wide bandwidth front-ends for VLBI
10.40-11.10	**Coffee break**	
11.10-11.30	Kazuhiro Takefuji	The first light and fringe with broadband system at NICT
11.30-11.50	Walter Alef	DBBC3 Development Status
11.50-12.10	Walter Alef	A DBBC3 synthesis array
	Space Science	
12.10-12.30	Gabriele Bruni	Space VLBI: RadioAstron correlation and activities at MPIfR
12.30-12.50	**Group photograph**	
12.50-14.20	**Lunch**	
14.20-14.40	Andrey Andrianov	Radioastron primary data processing. Technology and results.
14.40-15.00	Weimin Zheng	CVN in Chang'e-3 lunar exploration mission
15.00-15.20	Sergei Pogrebenko	Analysis of factors influencing phase noise of VLBI telescopes
15.20-15.40	Alexey Rudnitskiy	"Millimetron" mission: space VLBI opportunities and capabilities
15.40-16.10	**Coffee break**	
16.10-16.30	Marina Shatskaya	Data Processing Center for Space VLBI Projects Implementation.
	Global VLBI developments	
16.30-16.50	Adam Deller	International LOFAR: VLBI at 140 MHz
16.50-17.10	Chris Phillips	VLBI developments in Australia
17.20	**Bus leaves to Groningen**	
19.00-	**Workshop dinner**	

Wednesday November 12

8.55-9.00	Arpad Szomoru	Opening, logistical information
	Global VLBI developments	
9.00-9.20	Jonathan Quick	VLBI in Africa
9.20-9.40	Matteo Stagni	The Italian VLBI network and the validation of SRT: tests and perspectives
9.40-10.00	Zhong Chen	e-VLBI progress in China
10.00-10.20	Stuart Weston	Expanding New Zealand VLBI Capability And The 30m Dish
10.20-10.40	Jonathan Romney	Re-Establishing Instrumental Compatibility for HSA and Global VLBI
10.40-11.10	**Coffee break**	
11.10-11.30	Zsolt Paragi	VLBI in the SKA era
	Time and frequency transfer, data transport challenges	
11.30-11.55	Peter Jansweijer	Implementing White Rabbit in your design
11.55-12.15	Anders Wallin	Time Transfer in a Wide Area White Rabbit Network
12.15-12.35	Jeroen Koelemeij	Methods for data, time and ultrastable frequency transfer through long-haul fiber-optic links
12.35-14.05	**Lunch**	
14.05-14.25	Paul Boven	Using VLBI to demonstrate long-haul fiber-optic frequency transfer.
14.25-14.50	Harald Schnatz	Towards international optical clock comparisons
14.50-15.15	Anne Amy-Klein	Progress towards a metrological fiber wide-area network
15.15-15.45	**Coffee break**	
15.45-16.10	Craig Heinselman	The EISCAT_3D phased-array radar for research into the arctic ionosphere
16.10-16.30	Peter Maat	The LOFAR Clock System
16.30-16.50	Alexey Tsaruk	Methods of transfer ultra-stable frequencies to radiotelescope.
16.50-17.10	Yan Grange	Network challenges for large interferometric arrays: Lofar experience and outlook for the SKA
17.10-17.30	Ralph Spencer	Phase Stable Interferometers at Jodrell Bank

Thursday November 13

	EVN-NREN	
9.00-9.05	Vincenzo Capone	Welcome
9.05-9.30	Vincenzo Capone	Current status and future plans of GÉANT infrastructure
9.30-9.55	Guido Aben	AARNet update
9.55-10.20	David Salmon	JANET update
10.20-10.45	Helge Stranden	VLBI station in Ny-Ålesund, Svalbard soon available through subsea fibreoptic connection
10.45-11.15	**Coffee break**	
11.15-11.40	Henrik Thostrup Jensen	Status for NORDUnet network and NSI service
11.40-12.05	Tangui Coulouarn	BoD: an update on GÉANT NSI compliant multi-domain guaranteed bandwidth service
12.05-12.30	Peter Hinrich	SURF Support4research
12.30-14.00	**Lunch**	