

# EVGA 2021

v. 2020-03-10

<b>2020-03-14</b>	<b>Icebreaker party - online</b>	<b>UT 16:00-18:00</b>
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## 2020-03-15

Haas	<b>Welcome and Introduction</b>	UT 10:50-11:00
<b>Session-01 Chairperson: Rüdiger Haas</b>		
McCallum J	A wideband observing mode for the AuScope array	UT 11:00-11:15
Tangen	Current status at Ny-Ålesund Geodetic Earth Observatory	UT 11:15-11:30
Lopez-Perez	The current status of RAEGE	UT 11:30-11:45
Lopez-Perez	Preamplifier module for VGOS and legacy S/X observations compatibility in the presence of RFI signals	UT 11:45-12:00
	break - shake your legs	UT 12:00-12:15
<b>Session-02 Chairperson: Nataliya Zubko</b>		
Gomez-Molina	New Designs in VGOS Frontends in Yebes Observatory	UT 12:15-12:30
Tuccari	The BRAND EVN receiver and the new DBBC4 backend	UT 12:30-12:45
Plötz	Advances in automatized schedule generation at the VLBI operation center DACH and introduction of the VLBI correlation center at Wettzell	UT 12:45-13:00
Schartner	Automated VLBI scheduling utilizing Artificial Intelligence based parameter optimization	UT 13:00-13:15
	break - shake your legs	UT 13:15-13:30
<b>Session-03 Chairperson: Karine Le Bail</b>		
Ricci	A geodetic VLBI experiment with the dissemination of a clock via coherent optical fibre link	UT 13:30-13:45
Jaron	EU-VGOS activities in Vienna	UT 13:45-14:00
Barrett	A first look at mixed VGOS-S/X correlation and post-processing	UT 14:00-14:15
Ruszczky	Experience from S/X-VGOS mixed-mode observations	UT 14:15-14:30
	break - shake your legs	UT 14:30-14:45
<b>Poster and movie session and discussions</b>		<b>UT 14:45-17:00</b>

## 2020-03-16

<b>Session-04 Chairperson: Sigrid Böhm</b>		
McCallum L	Australian mixed-mode sessions	UT 11:00-11:15
Takagi	A superconductor filter installed in the broadband feed of Ishioka VLBI station	UT 11:15-11:30
Gruber	Simulation of VGOS observations at the raw data level with VierRDS	UT 11:30-11:45
Varenius	ONTIE: Short-baseline interferometry at Onsala Space Observatory	UT 11:45-12:00
	break - shake your legs	UT 12:00-12:15
<b>Session-05 Chairperson: Nataliya Zubko</b>		
Kem	VLBI Intensive sessions: the selection of baselines for UT1 estimation	UT 12:15-12:30
Kurdubov	Approaches of optimal scheduling of UT1 geodetic VLBI sessions	UT 12:30-12:45
Malkin	On the selection of prospective sources for ICRF extension	UT 12:45-13:00
de Witt	Improving the S/X Celestial Reference Frame in the South: A Status Update	UT 13:00-13:15
	break - shake your legs	UT 13:15-13:30
<b>Session-06 Chairperson: Anastasiia Girdiuk</b>		
Gomez	Determination of the geodetic position of non-geodetic EVN antennas	UT 13:30-13:45
Hase	Spectrum Management for the VGOS	UT 13:45-14:00
Behrend	New Ingest Software at IVS Data Centers	UT 14:00-14:15
Jacobs	X/Ka Network Enhanced by Misasa, Japan's 54-meter antenna	UT 14:15-14:30
	break - shake your legs	UT 14:30-14:45
<b>Poster and movie session and discussions</b>		<b>UT 14:45-17:00</b>

**2020-03-17**

<b>Session-07 Chairperson: Karine Le Bail</b>		
Salarpour	An empirical review of structure index characteristics for geodetic VLBI observations	UT 11:00-11:15
Kurdubov	The source structure as main error source in Russian intensive sessions	UT 11:15-11:30
Kareinen	Mitigating the effect of extended source structure in geodetic VLBI by re-weighting observations using baseline-to-jet orientation	UT 11:30-11:45
Lösler	On the impact of the coordinate representation onto the estimates in least-squares adjustment	UT 11:45-12:00
break - shake your legs		UT 12:00-12:15
<b>Session-08 Chairperson: Susana Garcia-Espada</b>		
Wang	VLBI Processing in the PANDA Software	UT 12:15-12:30
Flohrer	VLBI enhancement of the Bernese GNSS Software for multi-technique analysis at BKG	UT 12:30-12:45
Hellmers	Combined IVS contribution to the ITRF2020	UT 12:45-13:00
Girdiuk	Intensives and 24-hour session data reprocessing for BKG AC 2020a solutions	UT 13:00-13:15
break - shake your legs		UT 13:15-13:30
<b>Session-09 Chairperson: Anastasiia Girdiuk</b>		
Balidakis	On the Origin of Clock Breaks Detected in Geodetic VLBI Data	UT 13:30-13:45
Krasna	Baseline-dependent clock offsets in VLBI analysis	UT 13:45-14:00
Nilsson	Evaluation of the results from the VGOS sessions	UT 14:00-14:15
Gipson	Review of Operational VGOS Sessions in 2020	UT 14:15-14:30
break - shake your legs		UT 14:30-14:45
<b>Poster and movie session and discussions</b>		UT 14:45-17:00

<b>Gipson</b>	<b>Splinter Session on Source &amp; Scheduling</b>	UT 18:00-19:30
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**2020-03-18**

<b>Session-10 Chairperson: Susana Garcia-Espada</b>		
Xu S	The K Band Geodesy with the East Asian VLBI Network	UT 11:00-11:15
Zubko	Ionosphere comparison study of VGOS and Total Electron Content global maps	UT 11:15-11:30
Negusini	A Broadband VLBI experiment with transportable stations between Japan and Italy with a new observation scheme using closure delay relation	UT 11:30-11:45
Teke	Ocean tide loading displacements from VLBI and the long term ocean tide variability	UT 11:45-12:00
break - shake your legs		UT 12:00-12:15
<b>Session-11 Chairperson: Anastasiia Girdiuk</b>		
Puente	Consistency of VLBI estimates in the CONT17 campaign	UT 12:15-12:30
Diamantidis	Inter- and intra-technique combination on the observation level between VLBI and GPS - a study case for CONT17	UT 12:30-12:45
Lengert	Combination of GNSS and VLBI data for consistent estimation of Earth Rotation Parameters	UT 12:45-13:00
Haas	VGOS Intensives Ishioka-Onsala	UT 13:00-13:15
break - shake your legs		UT 13:15-13:30
<b>Session-12 Chairperson: Rüdiger Haas</b>		
de Witt	K-band Imaging of 732 ICRF3 sources	UT 13:30-13:45
Xu M	Imaging VGOS observations and the effects of source structure	UT 13:45-14:00
Hunt	Update on VLBA Imaging of ICRF3 Sources	UT 14:00-14:15
Le Bail	Source flux-density monitoring in the VGOS era	UT 14:15-14:30

<b>Haas</b>	<b>Closing remarks - good bye</b>	UT 14:30-14:45
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<b>Gipson</b>	<b>IVS Analysis Workshop 2021</b>	UT 14:45-18:30
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<b>POSTERS</b>		
Zubko	Status of the VGOS project at the Metsähovi Geodetic Research Station	P-01
Chuan	AuScope VLBI Dynamic Observing	P-02
Nickola	HartRAO weather data	P-03
Nurul Huda	Measuring the impact of Indonesian antennae to Earth Orientation Parameter estimation	P-04
Anderson	Effects of Source Weighting in Geodetic VLBI Analysis	P-05
Anderson	The Potsdam Open Source Radio Interferometry Tool (PORT)	P-06
Basu	Source structure and position stability of celestial reference frame sources in the Deep South	P-07
Elgered	Small scale atmospheric variations sensed with very short baseline interferometry (VSBI) and microwave radiometry	P-08
Kirkvik	First results from the new station NYALE13S	P-09
Liu	Comparison of tropospheric zenith wet delay from VLBI and GNSS Time Series	P-10
Mammadaliyev	Precise orbit determination with VLBI to satellites: a simulation study	P-11
Mironova	Combination of IVS Intensive sessions using SINCOM software	P-12
Mironova	Improving of the covariance functions of the clock and troposphere parameters	P-13
Nothnagel	Reference epochs in VLBI estimations of clock parameters	P-14
Raut	Assessment of sub-daily Earth Rotation Parameters from VLBI with GNSS during the CONT17 campaign	P-15
Seitz	First VLBI-only TRF/CRF solution based on DGFI-TUM data for ITRF2020	P-16
Soja	The New IVS Associate Analysis Center at ETH Zurich	P-17
Xu M	Impacts of source structure as seen from the Gaia and VLBI comparison	P-18

<b>MOVIES</b>		
Neidhardt	Data Unlimited – The IVS Seamless Auxiliary Data Archive at the Wettzell observatory	M-01
Neidhardt	Autonomous Observations at the Wettzell observatory	M-02
Jaradat	10 years of AuScope VLBI	M-03
Titov	A jump in the VLBI position of the radio galaxy J1147+3501	M-04