



## EUREF 2022 Symposium

(Final Programme)

Day 1

(Wednesday, June, 1<sup>st</sup>)

<b>09:00 - 10:30 Opening Session</b>		<b>Chair: Martin Lidberg</b>
09:00 - 09:40	Almin Đapo (GEOF UNIZG, LOC President)	Welcome address by the Chairman of the Local Organizing Committee
	Damir Šantek (CSGA Director)	Welcome address by the Director of the Croatian State Geodetic Administration
	Zuheir Altamimi (IAG President)	Welcome address by the President of the International Association of Geodesy
	Carine Bruyninx (IAG Sub-Commission 1.3 President)	Welcome address by the President of the IAG Sub-Commission 1.3 - Regional Reference Frames
	Martin Lidberg (EUREF President)	Welcome address by the Chairman of the IAG Sub-Commission 1.3a - EUREF
	Wolfgang Söhne	Activities and Goals of the EUREF Governing Board
09:40 - 10:05	Jan Johansson (Chalmers University of Technology, Sweden)	<b>Keynote talk:</b> SI-units, its definition, realization, and relation to geodesy
10:05 - 10:30	Mario Miler (University of Zagreb - Faculty of Geodesy, Croatia)	<b>Keynote talk:</b> Evolution of Geospatial Technologies - On the Road to Auto-Mapping Earth
<b>10:30 - 10:45 Break</b>		
<b>10:45 - 12:30 Session 1 - Systems: ETRS89, EVRS, Geoid and Related Models</b>		<b>Chair: Zuheir Altamimi, Markku Poutanen</b>
10:45 - 11:00	Yosra Afrasteh	The model-based hydrodynamic leveling data in realization of the European vertical reference system
11:00 - 11:15	Bas Alberts	On the validation of the Dutch height transformation model
11:15 - 11:30	Martin Lidberg	Future positioning services, geodetic reference frames and the ISO Geodetic Registry
11:30 - 11:45	Joachim Schwabe	Status report for EUREF Working Group "European Unified Height Reference"
11:45 - 12:00	Juliette Legrand	Reference Frame Coordination Status Report
12:00 - 12:15	Zuheir Altamimi	ITRF2020: Main results and consequences for ETRS89
12:15 - 12:30	Dimitrios Ampatzidis	The Fast Constraints Transformation (FCT) method for rigorous and efficient constraints transitions: Case study for ETRS89
<b>12:30 - 13:30 Lunch Break</b>		
<b>13:30 - 14:45 Session 2 - Networks: EPN, UELN, Densification</b>		<b>Chair: Joaquin Zurutuza, Carine Bruyninx</b>
13:30 - 13:45	Carine Bruyninx	Status of the EPN tracking network
13:45 - 14:00	Tomasz Liwosz	Report of the EPN Analysis Combination Centre
14:00 - 14:15	Christof Völksen	EPN-Repro3: An additional but worthwhile effort to provide consistent long-time products for the EPN
14:15 - 14:30	Carine Bruyninx	Modernization of the EPN Historical Data Center
14:30 - 14:45	Enrico Serpelloni	Surface velocities and strain-rates in the Euro-Mediterranean region from massive GPS data processing
<b>14:45 - 15:00 Break</b>		
15:00 - 16:00	<b>EUREF WG European Unified Height Reference Splinter Meeting</b> <b>Chair: Joachim Schwabe</b>	
<b>16:00 - 16:10 Break</b>		
16:10 - 17:10	<b>CEGRN Splinter Meeting</b> <b>Chair: Alessandro Caporali, Joaquin Zurutuza</b>	

<b>Day 2</b> (Thursday, June, 2 <sup>nd</sup> )		
<b>09:00 - 10:00</b>	<b>Session 2 - Networks: EPN, UELN, Densification</b>	<b>Chair: Joaquin Zurutuza, Carine Bruyninx</b>
09:00 - 09:15	Ambrus Kenyeres	EPN Densification Status Report 2022
09:15 - 09:30	Joaquin Zurutuza	EUREF Permanent Network Densification (EPN D) Investigations
09:30 - 09:45	Martin Ferienc	Computation of the 2nd SKPOS multi-year solution as a new EUREF Densification for Slovakia
09:45 - 10:00	Joaquin Zurutuza	The Central European GNSS Research Network (CEGRN) dataset
<b>10:00 - 10:15</b>	<b>Break</b>	
<b>10:15 - 11:15</b>	<b>Session 3 - Techniques: GNSS, Levelling, Combination</b>	<b>Chair: Martina Sacher, Rolf Dach</b>
10:15 - 10:30	Giulia Schievano	Position Velocity and Timing with multiple GNSS data
10:30 - 10:45	The BSW-development team	Upcoming features of Bernese GNSS Software, Version 5.4
10:45 - 11:00	Michail Gianniou	Performance of Galileo for geodetic positioning under challenging signal reception conditions
11:00 - 11:15	Markku Poutanen	Upgrading the Metsähovi Geodetic Research Station
<b>11:15 - 11:30</b>	<b>Break</b>	
<b>11:30 - 12:30</b>	<b>Session 4 - National Reports</b>	<b>Chair: Marijan Marjanović, TBA</b>
11:30 - 12:30	National Reports	Austria, Belgium, Croatia, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy
<b>12:30 - 13:30</b>	<b>Lunch Break</b>	
<b>13:30 - 14:30</b>	<b>Session 4 - National Reports</b>	<b>Chair: Marijan Marjanović, TBA</b>
13:30 - 14:30	National Reports	Lithuania, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Great Britain
<b>14:30 - 14:45</b>	<b>Break</b>	
<b>14:45 - 15:45</b>	<b>Towards FAIR GNSS data Splinter Meeting</b>	<b>Chair: Carine Bruyninx</b>

<b>Day 3</b> (Friday, June, 3 <sup>rd</sup> )		
<b>09:00 - 10:15</b>	<b>Session 5 - Applications: Earth Sciences, Geo-Information</b>	<b>Chair: Alessandro Caporali, Christof Völkken</b>
09:00 - 09:30	John Dehls	<b>Invited talk:</b> European Ground Motion Service (EGMS): concept, application, outlook
09:30 - 09:45	Petar Marinkovic	On synergy and complementarity between GNSS and InSAR - European Ground Motion Service (EGMS) perspective
09:45 - 10:00	Faramarz Nilfouroushan	Establishment of a new geodetic infrastructure in Sweden using SAR Corner Reflectors: Progress report
10:00 - 10:15	Bosko Pribicevic	Research of recent regional and local geodynamic processes in the Republic of Croatia using modern satellite geodetic methods
<b>10:15 - 10:30</b>	<b>Break</b>	
<b>10:30 - 11:15</b>	<b>Session 5 - Applications: Earth Sciences, Geo-Information</b>	<b>Chair: Alessandro Caporali, Christof Völkken</b>
10:30 - 10:45	Özge KARAASLAN	The Effect of GNSS Station Density on Velocity Estimation and Relationship of ITRF2014, ETRF2014, Angular and Local Velocity
10:45 - 11:00	Elmar Brockmann	Real-time troposphere estimation at swisstopo
11:00 - 11:15	Carine Bruyninx	Update on the GNSS component of the European Plate Observing System
<b>11:15 - 12:00</b>	<b>Closing Session</b>	<b>Chair: Martin Lidberg</b>