

Programme EUREF Symposium 2017

Note: Each oral presentation in Sessions #1 to #4 is scheduled 15 minutes (12 ' talk plus 3 ' for discussion) unless otherwise indicated. National Reports (session #5) are scheduled 5 minutes talk each.

Day 1 (Wednesday, May 17)		
08:00 – 09:00	Registration	
09:00 – 10:30	Opening Session	Chair: Markku Poutanen
09:00 – 09:10	KIERZNOWSKA Grażyna	Welcome address by the Surveyor General of Poland
09:10 – 09:20	BOSY Jaroslaw	Welcome address by the Rector of the Wroclaw University
09:20 – 09:25	ALTAMIMI Zuheir	Welcome by the IAG Vice President
09:25 – 09:30	BRUYNINX Carine	Welcome by the President IAG sub-commission 1.3 "Regional Reference Frames"
09:30 – 09:40	POUTANEN Markku	Welcome by the Chairman of IAG sub-commission 1.3a (EUREF)
09:40 – 10:00	CALINI Gian Gherardo et al.	Keynote address: European GNSS Contribution to surveying
10:00 – 10:15	KENYERES Ambrus	Goals and Activities of the EUREF Technical Working Group
10:15 – 10:30	SOEHNE Wolfgang et al.	Review of EUREF Terms of Reference
10:30 – 11:00	COFFEE BREAK	
11:00 – 12:30	Session 1: SYSTEMS: ETRS89, EVRS	Chair: Markku Poutanen
11:00 – 11:15	ZURUTUZA Joaquin et al.	The alignment to IGB08 of the EPN cumulative solutions

11:15 – 11:30	ALTAMIMI Zuheir et al.	ITRF2014 Plate Motion Model and ETRS89 Realization
11:30 – 11:45	KENYERES Ambrus and LEGRAND Juliette	Transition from IGB08 to IGS14 based reference frame realization in Europe
11:45 – 12:30	Poster Introduction Session	Chair: Krzysztof Sosnica
11:45 – 12:30	P01 to P18	Poster Introduction (2 ' each)
12:30 – 14:00	LUNCH	
14:00 – 15:30	Session 1: SYSTEMS: ETRS89, EVRS (cont'd)	Chair: Zuheir Altamimi
14:00 – 14:15	SOEHNE Wolfgang et al.	The ETRS89 Questionnaire 2017 - Feedback and Evaluation
14:15 – 14:30	LIDBERG Martin	On Possible Alternatives for the Realization of ETRS89 Based on ITRF2014
14:30 – 14:45	LESPARRE Jochem and HUISMAN Lennard	Convergence of ITRF Transformation Parameters and Impact of Aligning ETRS89 to ITRF2014
14:45 – 15:00	POUTANEN Markku and HÄKLI Pasi	Future of Reference Frames - from Static to Dynamic?
15:00 – 15:15	KIERULF Halfdan Pascal et al.	The Project: Dynamic Reference Frames in Iceland
15:15 – 15:30	Session 2: NETWORKS: EPN, UELN, DENSIFICATION	Chair: Elmar Brockmann
15:15 – 15:30	LIWOSZ Tomasz and ARASZKIEWICZ Andrzej	EPN Analysis Coordinator Status Report
15:30 – 16:00	COFFEE BREAK	
16:00 – 17:30	Session 2: NETWORKS: EPN, UELN, DENSIFICATION (cont'd)	Chair: Elmar Brockmann
16:00 – 16:15	BRUYNINX Carine et al.	Enhanced Assessment of EPN Station Performance

16:15 – 16:30	MITTERSCHIFFTHALER Philipp	Data Management at AC and DC of BEV
16:30 – 16:45	KENYERES Ambrus et al.	EPN Densification - Prepared to Publish
16:45 – 17:00	BROCKMANN Elmar et al.	Towards an European Dense Velocities Field
17:00 – 17:15	ZURUTUZA Joaquin et al.	The CEGRN campaigns and densification of the ETRF in Central Europe
17:15 – 17:30	ZURUTUZA Joaquin et al.	3D Deformation in time of the ETRF2000 grid
19:30 – 22:00	GET TOGETHER	Restaurant-brewery "Złoty Pies", Wita Stwosza 1-2, 11-400 Wrocław, GPS: 51.1102829,17.0335012 (for mobile navigation)

Day 2 (Thursday, May 18)		
10:00 – 10:30	Session 2: NETWORKS: EPN, UJLN, DENSIFICATION (cont'd)	Chair: Ambrus Kenyeres
09:00 – 09:15	SACHER Martina et al.	New Data of Belarus and Estonia and the new Nordic Land Uplift Model Contribute to UJLN
09:15 – 09:30	BARZAGHI Riccardo et al.	Gravity Corrections for the Updated Italian Leveling Network
09:30 – 09:45	GODAH Walyeldeem et al.	On the Estimation of Physical Height Changes using GRACE Satellite Mission Data - A Case Study of Central Europe
09:45 – 10:00	KAMINSKIS Janis et al.	Evaluation of Transition to Updated Regional Q-Geoid Model
10:00 – 10:30	Session 3: TECHNIQUES: GNSS, LEVELLING, COMBINATION	Chair: Rolf Dach
10:00 – 10:15	BROCKMANN Elmar et al.	Multi-GNSS developments for the EPN and for the Swiss networks
10:15 – 10:30	FABIAN Andras et al.	A new GNSS Station Metadata Management and Dissemination System in Support of Multiple Networks
10:30 – 11:00	COFFEE BREAK	

11:00 – 12:30	Session 3: TECHNIQUES: GNSS, LEVELLING, COMBINATION (cont'd)	Chairs: Rolf Dach
11:00 – 11:15	CAPORALI Alessandro and NICOLINI Luca	Interoperability of the GNSSs for Positioning and Timing
11:15 – 11:30	KAZANCI S. Zengin and KAYIKCI Tanir E.	Establishment of Karadeniz Technical University Permanent GNSS Station As Reactivated of TRAB IGS Station
11:30 – 11:45	CLEMENTE Francesca et al.	Data Quality: from Tracking to Archiving with no Gaps
11:45 – 12:00	KHELOUFI Nouredine	Role of Modernized GLONASS System in GNSS Positioning Improvement
12:00 – 12:15	SPANIK Peter et al.	Multipath Detection with Three-frequency SNR Combination – Example from Urban Environment
12:15 – 13:00	Discussion Forum on "Future of European Reference Frames"	
13:00 – 14:30	LUNCH	
14:30 – 15:30	Session 5: National Reports	Chair: Jan Krynski
14:30 – 16:00	National Reports, part 1	National Reports, #01 to #18
16:00 – 16:30	COFFEE BREAK	
16:30 – 17:30	Session 5: National Reports (cont'd)	Chair: Guenter Stangl
16:30 – 17:30	National Reports, part 2	National Reports, #19 to #30
19:30 – 22:00	CONFERENCE DINNER	Restaurant "Spiż", Ratusz 2, 50-106 Wrocław GPS: 51.1099755,17.0317027 (for mobile navigation)

Day 3 (Friday, May 19)		
	Session 4: APPLICATIONS: EARTH SCIENCES, GEO- INFORMATION	Chair: Rosa Pacione
09:00 – 09:15	BRUYNINX Carine et al.	EUREF's Contribution to the European Plate Observing System

09:15 – 09:30	FERNANDES Rui et al.	The Contribution of the GNSS EPOS-IP to Manage GNSS Data and Associated Products for Solid Earth at European Scale
09:30 – 09:45	SOSNICA Krzyszof et al.	Densification of the GGOS Infrastructure in Poland in the Framework of EPOS-PL
09:45 – 10:00	BOSY Jaroslaw et al.	EPOS-PL the Initiative for European Plate Observing System in Poland, Integrated Infrastructure and new Algorithms
10:00 – 10:15	JARMOLOWSKI Wojciech et al.	Accuracy Estimation of Regional TEC maps by Cross-Validation and Maximum Likelihood
10:15 – 10:30	BERCKMANS Julie et al.	Evaluation of the atmospheric water vapor content in the regional climate model ALARO-0 using GNSS observations from EPN Repro2
10:30 – 11:00	COFFEE BREAK	
	Session 4: APPLICATIONS: EARTH SCIENCES, GEO-INFORMATION (cont'd)	Chair: Alessandro Caporali
11:00 – 11:15	FREI Michaela et al.	InSAR Based Ground Motion Service for Germany
11:15 – 11:30	ZURUTUZA Joaquin et al.	Crustal deformation implied by permanent GNSS sites in the area of the 2016 Central Italy earthquakes
11:30 – 11:45	MACHOTKA Radovan et al.	Precise astronomical positioning using motorized total station
11:45 – 12:00	Discussion and Comments on Sessions 2, 3 and 4	
	Closing Session	Chair: Markku Poutanen
12:00 – 12:10	GREAVES Mark et al.	EUREF Resolutions 2017
12:10 – 12:20	OOSTERHOF Sybrand and HUISMAN Lennard	Invitation to the 2018 Symposium
12:20 – 12:30	POUTANEN Markku	Closing Remarks

Days 1 - 3 (Wednesday, May 17, to Friday, May 19)

	Poster Session	Chair: Krzysztof Sosnica
P01	FIGURSKI Mariusz and NYKIEL Grzegorz	Implementation of ITRF2014 in EUREF Regional GNSS Networks
P02	BITHARIS Stylianos et al.	Assessing a new Velocity Field in Greece by Combining GNSS campaigns Towards the Establishment of a new Reference Frame
P03	KAZMIERSKI Kamil et al.	Quality Assessment of Multi-GNSS Orbits and Clocks for Real-Time PPP
P04	BURY Grzegorz and SOSNICA Krzysztof	Determination of Galileo, GLONASS, BeiDou and QZSS orbits using SLR observations
P05	CHATZINIKOS Miltiades et al.	ROBER: A New Tool for Step-wise Analysis of the Quality of GNSS
P06	KACZMAREK Adrian and KONTNY Bernard	Impact Interference Factors on Changes of GNSS Coordinate Time Series
P07	ZAJDEL Radoslaw et al.	GOVUS: A new on-line service for evaluation of multi-GNSS orbit quality
P08	SMOLIK Karol and DROSCAK Branislav	EUPOS Countries Network RTK Quality Monitoring Tool (Status in 2017)
P09	BOROWSKI Lukasz and KUDRYS Jacek	Adequacy of GNSS antenna calibration model - case study
P10	KOWALCZYK Kamil et al.	Combined adjustment of networks of relative vertical crustal movements from levelling and GNSS data
P11	KRYNSKI Jan et al.	Joint estimate of height changes from GNSS solutions of short vectors and PSI measurements using Envisat and TerraSAR-X satellite data
P12	GANAS Athanassios et al.	Seismic Deformation due to the 17 Nov. 2015 M6.5 Lefkada Earthquake from GNSS and InSAR Observations: Evidence for Seismic Gaps in Central
P13	VESTOL Olav et al.	The Improved Semi-empirical Fennoscandian Postglacial Land Uplift Model
P14	DYKOWSKI Przemyslaw and KRYNSKI Jan	Aspects of Establishing a Modern Gravity Control: Case Study Borowa Gora Observatory
P15	VEDEL Henrik et al.	E-GVAP, Status and Future
P16	JONES Jonathan et al.	COST Action ES1206: Advanced GNSS Tropospheric Products for Monitoring Severe Weather Events and Climate (GNSS4SWEC)
P17	NYKIEL Grzegorz et al.	Continental-wide Maps of TEC Variations as a Tool for Monitoring and Ionosphere. Status and Prospects
P18	DRODZEWSKI Mateusz and SOSNICA Krzysztof	Horizontal gradients of troposphere delay for GNSS-SLR co-located stations