



## PROVISIONAL PROGRAMME

### International Symposium on Global Navigation Satellite Systems, Space-Based and Ground-Based Augmentation Systems and Applications 2010 (status: 22 October 2010)

#### Monday, 29 November 2010

- 9:00 - 15:30      Registration/ Media check
- 9:30 - 11:00      **Pre -Symposium Tutorial**  
Modern satellite navigation and how it works  
*Prof. Wilfried Korth (Beuth-Hochschule für Technik Berlin, Germany)*
- European Position Determination System (EUPOS)  
*Gerd Rosenthal (EUPOS ISCO, Germany)*
- Deployment of D-GNSS – domains and examples  
*Jörg Dubbert (Pöryry Infra Traffic GmbH, Germany)*
- 11:00 - 11:30      **Coffee break**
- 11:30 - 11:50      **Welcome**  
*Gerd Rosenthal (Senate Department for Urban Development and EUPOS International Steering Committee Office, Berlin, Germany), Dr Volker Löwe (Berlin Senate Chancellery, Brussels, Belgium), Prof. Hans J. Haubold (United Nations Office for Outer Space Affairs and International Committee on Global Navigation Satellite Systems Secretariat, Vienna, Austria)*
- 11:50 - 13:00      ICG and its programme on GNSS applications  
*Prof. Hans J. Haubold, Sharafat Gadimova (United Nations Office for Outer Space Affairs and International Committee on Global Navigation Satellite Systems Executive Secretariat, Austria)*
- Galileo and EGNOS programme status and application  
*Prof. Werner Enderle (European Commission, Belgium)*
- US international GNSS activities  
*Ken Hodgkins (United States Department of State, USA)*
- 13:00 - 14:00      **Lunch break**
- 14:00 - 15:30      GLONASS  
*(Russian Institute of Space Device Engineering, Russian Federation), tbc*

**EGNOS in Mapping and Precision Applications**

*Dr. Gian Gherardo Calini, Fiammetta Diani, Reinhard Blasi (European GNSS Supervisory Authority, Market Development, Belgium)*

**From quick measurement to data quality –****Hungary state railways countrywide asset data capturing**

*Péter Barcza (BPMC Ltd., Hungary)*

**On road of “EUPOS contribution to GOCE Mission ”**

*Prof. Jānis Balodis, Inese Janpaule, Madara Normand, Augusts Rubans (University of Latvia, Institute of Geodesy and Geoinformation, Latvia), Janis Kaminskis, Janis Zvirgzds (Latvia Geospatial Information Agency, Latvia), Ingus Mitrofanovs, Sergejs Plotnikovs (Company "Rigas Ģeometrs" Ltd, Latvia), Gunars Silabriedis (Riga Technical University, Latvia)*

**City walking tour****Evening Reception****Tuesday, 30 November 2010**

8:30 - 16:00      **Registration/ Media Check**

9:00 - 10:30      **Maintenance of the ETRS89 using EUREF's permanent GNSS service**

*Dr Carine Bruyninx (Royal Observatory of Belgium, Belgium)*

**SIRGAS: the geocentric reference frame of the Americas**

*Dr Laura Sánchez (SIRGAS/ German Geodetic Research Institute, Germany), Prof. Claudio Brunini (Universidad Nacional de La Plata, Argentina), Prof. Virginia Mackern (Universidad Nacional de Cuyo, Argentina), William Martínez (Instituto Geográfico Agustín Codazzi, Colombia), Dr. Roberto Luz (Instituto Brasileiro de Geografia e Estatística, Brasília)*

**The African geodetic reference frame: Background and steps towards future implementation.**

*PhD Ludwig Combrinck (Hartebeesthoek Radio Astronomy Observatory, South Africa)*

**Discussion**

10:30 - 11:00      **Coffee break**

11:00 - 13:00      **RTCM / Special Committee 104, current status and focus**

*Kendall Ferguson (Radio Technical Commission for Maritime Services, USA)*

**On GNSS in-situ station calibration of near-field multipath**

*Dr Gerhard Wübbena, Dr Martin Schmitz, Norbert Matzke (Geo++ GmbH, Germany)*

**Global performance of real-time PPP with BNC**

*Dr Yüksel Altiner (Federal Agency for Cartography and Geodesy, Germany), Prof. Leos Mervart (Czech Technical University in Prague, Czech Republic), Tamás Horváth (Institute of Geodesy, Cartography and Remote Sensing, Hungary)*

**SKPOS permanent stations stability monitoring**

*Branislav Droščák (Geodetic and Cartographic Institute Bratislava, Slovak Republic)*

**Status report on ZAKPOS and UA-EUPOS**

*Prof. Stepan Savchuk, Dr Lyuba Yankiv-Vitkovska, Oksana Grynshyna-Poljuha (National University "Lviv Polytechnic", Ukraine), Ivan Prodanets (State Enterprise "Zakarpatskgeodezcentr", Ukraine), Olexandr Lano (ZAKPOS/UA-EUPOS, Ukraine)*

12:50 - 14:00     **Lunch Break**

14:00 - 15:30     **Visualisation of geospatial data for the analyses of flooding banks status**

*Aleksandar Ristić, Prof. Dušan Petrovački, Prof. Miro Govedarica (University of Novi Sad, Faculty of Technical Sciences, Serbia)*

**Some new results and generalisations of GNSS and DGNSS applications in the Balkan Peninsula and Bulgaria**

*Prof. Georgi Milev, Prof. Keranka Vassileva (Bulgarian Academy of Science, Bulgaria), Dr Ivo Milev (-Rail GmbH, Bulgaria)*

**Monitoring of ionospheric and tropospheric effects over Central Asia using GPS data**

*Dr Yusufjon Tillayev (Uzbek Academy of Science, Uzbekistan), S. Tojiyev., B. Ahmedov*

**Perspectives of GNSS implementation in Azerbaijan**

*A. M. Pashayev, R. N. Nabiyev (National Aviation Academy), V. Z. Sultanov, F. H. Guliyev (Azeraeronavigation)*

15:30 - 16:00     **Final discussion**