



**PPP-RTK & Open Standards  
Symposium, March 12-13, 2012  
Workshop, March 14, 2012**

Literaturhaus Frankfurt  
Schöne Aussicht 2  
D-60311 Frankfurt am Main  
Germany

---

**List of Posters**

---

GNSS-Nut Software Library - Current Developments and First Applications

*Jan Dousa, Pavel Vaclavovic, Research Institute of Geodesy Topography and Cartography, Zdiby, Czech Republic*  
Contact: [jan.dous@pecny.cz](mailto:jan.dous@pecny.cz)

---

Nexteq I-PPP: Global, High Accuracy Positioning Service

*Landon Urquhart, Nexteq Navigation, Calgary, Canada*  
Contact: [lurquhart@nexteqnav.com](mailto:lurquhart@nexteqnav.com)

---

Regional Troposphere Model for PPP-RTK

*Jan Kaplon, Hadas T., Bosy J., Rohm W., Sierny J., Wrocław University of Environmental and Life Sciences, Wrocław, Poland*  
Contact: [jan.kaplon@up.wroc.pl](mailto:jan.kaplon@up.wroc.pl)

---

Using Real-Time GNSS Data for Atmospheric Monitoring

*Eric Pottiaux<sup>1,2</sup>, Jean-Marie-Chevalier<sup>1,2</sup>, Nicolas Bergeot<sup>1,2</sup>, Wim Aerts<sup>1,2</sup>, Carine Bruyninx<sup>1</sup>, Quentin Baire<sup>1,2</sup>, Pascale Defraigne<sup>1</sup>, Juliette Legrand<sup>1,2</sup>, Royal Observatory of Belgium (ROB<sup>1</sup>), Solar-Terrestrial Centre of Excellence (STCE<sup>2</sup>)*  
Contact: [Eric.Pottiaux@observatoire.be](mailto:Eric.Pottiaux@observatoire.be)

---

Development of Real-Time GNSS Processing Software at Wuhan University

*Chuang Shi, GNSS Research Center, Wuhan University, China*  
Contact: [shi@whu.edu.cn](mailto:shi@whu.edu.cn)

---



---

Overview about RTCM in Brazil: Development and Standard Services

*Eno Darci Saatkamp, Universidade Federal de Santa Maria, Brazil*

Contact: [enosaat@hotmail.com](mailto:enosaat@hotmail.com)

---

Subscription Based and Secure GNSS Data Transmission via TV Satellite Links

*Harald Gebhard, Rafal Mielniczuk, University of Applied Sciences, Konstanz, Germany*

Contact: [harald.gebhard@htwg-konstanz.de](mailto:harald.gebhard@htwg-konstanz.de)

---

Loss-Less RTCM Data Compression for Broadcasting via TV Satellite Links

*Harald Gebhard, Rafal Mielniczuk, University of Applied Sciences, Konstanz, Germany*

Contact: [rafal.mielniczuk@htwg-konstanz.de](mailto:rafal.mielniczuk@htwg-konstanz.de)

---

Establishment of RTK-Network and Preliminary Evaluation

*Mohammad Ali Sharifi, University of Tehran, Iran*

Contact: [sharifi@ut.ac.ir](mailto:sharifi@ut.ac.ir)

---

Station Specific Biases in PPP and Reference Station Network – Investigations at the Institut für Erdmessung

*Steffen Schön, Tobias Kersten, Nico Lindenthal, Marios Smyrniaios, Ulrich Weinbach, Institut für Erdmessung, Leibniz Universität Hannover, Germany*

Contact: [lindenthal@ife.uni-hannover.de](mailto:lindenthal@ife.uni-hannover.de)

---

Asynchronous events in RTCM-SSR synchronous messaging

*Francois Lahaye and Paul Collins, Natural Resources Canada, Ottawa, Canada*

Contact: [flahaye@nrcan.gc.ca](mailto:flahaye@nrcan.gc.ca)

---

Definition of clock and bias messages for GPS PPP-AR

*Paul Collins and Francois Lahaye, National Resources Canada, Ottawa, Canada*

Contact: [pcollins@nrcan.gc.ca](mailto:pcollins@nrcan.gc.ca)

---

Training Research and Applications Network to Support the Mitigation of Ionospheric Threats

*De Franceschi G., M. Aquino, B. Yannik, A. Dodson, F. Dovic, R. Notarpietro, B. Forte, R. Galas, N. Jakowski, T. Kos, N. C. Mitchell, A. Wernik, Technische Universität Berlin, Germany*

Contact: [roman.galas@tu-berlin.de](mailto:roman.galas@tu-berlin.de)

---