

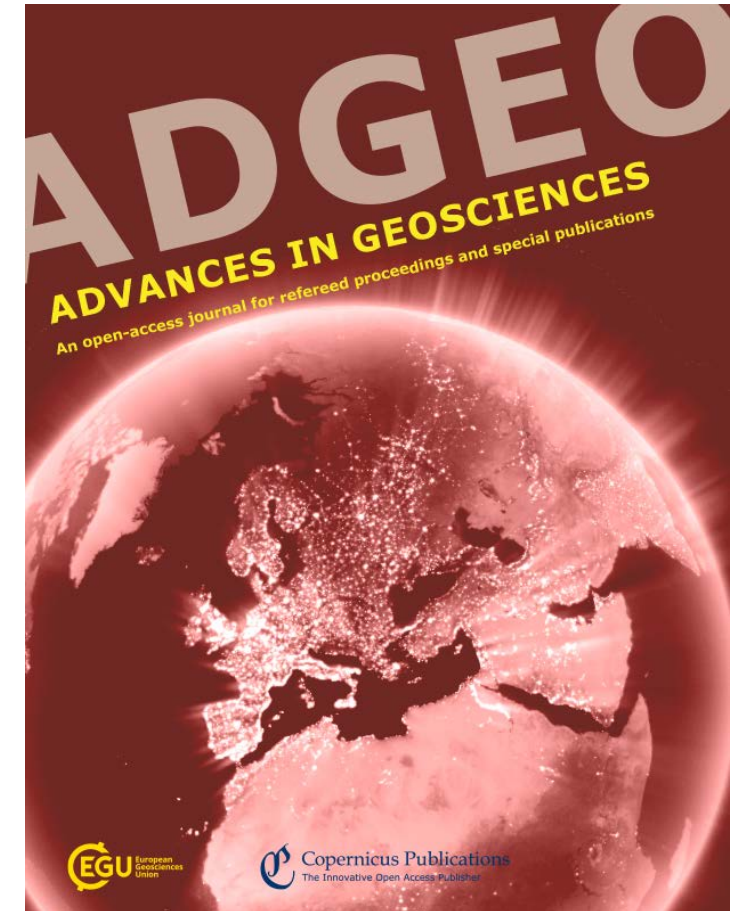


Session G2.3: Precise Orbit Determination for Geodesy and Earth Science

Adrian Jäggi

Alexandre Couhert, Urs Hugentobler, Oliver Montenbruck, Heike Peter

- in **Advances in Geosciences**
 - EGU open-access journal for refereed proceedings and special publications
- All sessions of the Geodesy Division
- Editors: Katrin Bentel, Mathis Bloßfeld, Johannes Böhm, Sigrid Böhm, Annette Eicker, Petr Holota, Adrian Jäggi, Ulrich Meyer, Rosa Pacione, Michael Schmidt, Holger Steffen, Matthias Weigelt, and Pawel Wielgosz
- **Submission Deadline: 30 June 2020**
- Of course, submission of a paper is optional
- Please support this activity as reviewer!



All displays listed in the schedule of the speakers will be presented with an allocated time of about **5 minutes**. The presentation consists of two parts:

- **Introduction** (should be prepared in advance)
 - Introduce yourself.
 - Provide a short introduction of your display.
 - End your introduction with one central point to start the discussion.
- **Discussion**
 - Convenors will try to stimulate a discussion by asking questions on the display.
 - The audience is invited to contribute to the discussion, but is advised to wait with new questions until ongoing questions are answered by the authors.
 - Convenors will close the discussion and announce the next display.

Session G2.3 – Schedule of Speakers

Slot	Display	
No. 1 D1765 EGU2020-20170	COSMIC-2 Precise Orbit Determination Results	Jan-Peter Weiss, Doug Hunt, William Schreiner, Teresa VanHove, Daniel Arnold, Adrian Jäggi
No. 2 D1776 EGU2020-5288	Long-term evaluation of estimated solar radiation pressure coefficients from Copernicus Sentinel-1, -2, -3 satellites	Heike Peter, Javier Berzosa, Jaime Fernández, Pierre Féménias
No. 3 D1777 EGU2020-16611	Sentinel-3A/3B orbit determination using non-gravitational force modeling and single-receiver ambiguity resolution	Xinyuan Mao, Daniel Arnold, Adrian Jäggi
No. 4 D1774 EGU2020-13184	Copernicus Sentinel Orbit Validation – Investigations on systematic geographical differences	Javier Berzosa, Marc Fernández Usón, Jaime Fernández Sánchez, Heike Peter, Pierre Féménias

Session G2.3 – Schedule of Speakers

Time Slot	Display	
No. 5 D1775 EGU2020-13256	Improved SLR orbit validation for Copernicus Sentinel-3 mission	Marc Fernández, Virginia Raposo, Jaime Fernández Sánchez, Heike Peter, Pierre Féménias
No. 6 D1778 EGU2020-2587	Estimation of Earth- and satellite-related parameters in radiation pressure modeling from space-borne accelerometry	Kristin Vielberg, Jürgen Kusche
No. 7 D1766 EGU2020-3470	Kinematic orbit positioning applying the raw observation approach	Barbara Suesser- Rechberger, Torsten Mayer-Guerr, Sandro Krauss
No. 8 D1768 EGU2020-18560	Thermal thrust accelerations on LAGEOS satellites	David Lucchesi, Luciano Anselmo, Massimo Bassan, Marco Lucente, Carmelo Magnafico, Carmen Pardini, Roberto Peron, Giuseppe Pucacco, Massimo Visco

Session G2.3 – Schedule of Speakers

Time Slot	Display	
No. 9 D1770 EGU2020-18361	Recent Advances in Galileo and BeiDou Precise Orbit Determination	Florian Dilssner, Erik Schönemann, Volker Mayer, Tim Springer, Francisco Gonzalez, Werner Enderle
No. 10 D1783 EGU2020-9936	Impact of a-priori SRP models and ECOM models on GNSS precise orbit determination	Xiao Chang, Benjamin Männel, Harald Schuh, Roman Galas
No. 11 D1769 EGU2020-340	Precise Galileo orbit determination using combined GNSS and SLR observations	Grzegorz Bury, Krzysztof Sońnica, Radosław Zajdel, Dariusz Strugarek
No. 12 D1787 EGU2020-7229	Study on the Variance Component Estimation in relative weighting of the Inter-Satellite Links and GNSS observations for orbit determination	Tomasz Kur, Tomasz Liwosz, Maciej Kalarus