Special Issue

Space Geodesy and Time Transfer: From Satellite to Science

Message from the Guest Editors

This Special Issue includes, but is not limited to, the following: the analysis of combinations at different levels; studies of systematic errors in various space geodetic techniques; the use of inter-satellite links and extended satellite constellations; future GNSS with additional instruments; the use of ties, particularly the common clock; the verification of relativity with satellites; the use of the theory of relativity in studies related to the future determination of gravitational potentials with optical clocks; time synchronization; the development of new types of clocks for use on the ground and in space; and satellite missions related to time, among others. We also welcome the submission of studies focusing on the following topics:

- Reference frames;
- Systematic errors in space geodetic techniques;
- Importance of collocation (space and ground) in space geodesy (clocks, ties, troposphere), specifically common analysis and instrumentation;
- Comparison of time transfer methods;
- Relativistic geodesy;
- Definition of time scales in space;
- Current, future, and proposed satellite geodesy missions;
- Synergy between optical time synchronization, ranging, and data transfer.

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Message from the Editor-in-Chief

Remote Sensing is now a prominent international journal of repute in the world of remote sensing and spatial sciences, as a pioneer and pathfinder in open access format. It has highly accomplished global remote sensing scientists on the editorial board and a dedicated team of associate editors. The journal emphasizes quality and novelty and has a rigorous peer-review process. It is now one of the top remote sensing journals with a significant Impact Factor, and a goal to become the best journal in remote sensing in the coming years. I strongly recommend *Remote Sensing* for your best research publications for a fast dissemination of your research.

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