



## Special Issue on Navigation

### Call for Papers

Navigation welcomes articles on all areas related to the science and technology of air, sea, land and space navigation, including estimation of position, velocity, attitude, and time, and the technologies that support the determination of these quantities. Supporting technologies include navigation aids and instrumentation, algorithms and methods, error and integrity analysis, signal processing, biological navigation systems, surveying and geodesy.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **Navigation**. Potential topics include, but are not limited to:

- Urban and indoor localization and navigation
- Satellite-based navigation systems (GPS, Galileo, GLONASS, QZSS)
- Space-based augmentation systems
- Terrestrial navigation and Integrated navigation
- Autonomous vehicle navigation
- GNSS/INS integration
- Terrestrial navigation and Integrated navigation
- Autonomous vehicle navigation
- GNSS/INS integration
- Passive location and triangulation
- Time management and time synchronization
- Receiver and antenna design for GNSS
- Anti-jamming technologies
- Bio-navigation
- Electromagnetic modeling and simulation
- Sensors (lidar, radar, sonar etc.) and sensor networks
- Mapping, surveying, and geodesy
- Data processing, data fusion, and feature extraction
- Laser technology for navigation, mapping, and remote sensing applications
- Tracking and telemetry
- Image formation and processing
- Signal processing techniques for navigation and remote sensing

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).



Please kindly specify the “**Special Issue**” under your manuscript title. The research field “**Special Issue - Navigation**” should be selected during your submission.

Special Issue Timetable:

Submission Deadline	December 18th, 2016
Publication Date	February 2017

**Guest Editor:**

For further questions or inquiries, please contact Editorial Assistant at [jcc@scirp.org](mailto:jcc@scirp.org).