

Announcement of a Special Issue of *Advances in Space Research* on

## **Beidou/Compass and other GNSS**

Papers are invited for a special topical issue of *Advances in Space Research* (ASR) entitled "Beidou/Compass and other GNSS".

The Global Positioning System (GPS) has been widely used in navigation, positioning, timing and geosciences applications with an unprecedented high accuracy, since it became fully operational in 1993. Recently, the new China's Beidou navigation system similar in principle to GPS, also called COMPASS, has been well developed. This will be a constellation of 35 satellites, including 5 geostationary orbit (GEO) satellites and 30 medium Earth orbit (MEO) satellites. Together with the United States's GPS, Russia's GLONASS and the European Union's GALILEO system as well as a number of Space Based Augmentation Systems (SBAS), such as Japan's Quasi-Zenith Satellite System (QZSS) and India's Regional Navigation Satellite Systems (IRNSS), more applications and potentials of global navigation satellite systems (GNSS) will be exploited and realized. This special issue is open to all scientists who may have the latest results and developments in Beidou/Compass navigation system, including constellation, signal, orbit, receiver and scientific applications. Manuscripts on new advances or simulations in Multi-GNSS and other Space Based Augmentation Systems augmentation, compatibility, interoperability and applications are also welcomed.

Papers must be submitted electronically to <http://ees.elsevier.com/asr>. To ensure that all manuscripts are correctly identified for inclusion into the special issue, authors must select "**Special Issue: Beidou/Compass**" when they reach the "Article Type" step in the submission process.

Submitted papers must be written in English and should include full affiliation addresses for all authors. Only full-length papers will be considered for publication, subject to peer review by two reviewers. There are no page limits although the length of the paper should be appropriate for the material being presented. While the **deadline for submissions is 31 August 2012**, papers will be published electronically as soon as they are accepted. The printed issue will be assembled within a reasonable time with late papers being printed in regular issues of ASR. Contributors to this issue will have an opportunity to purchase individual issues once the issue is finalized. All articles will be typeset at no cost to the author; there is a nominal charge for printing color figures although there is no charge for color figures on the electronic version.

Dr. Shuanggen Jin ([sg.jin@yahoo.com](mailto:sg.jin@yahoo.com)) is the Guest Editor for this special issue. Questions can be directed to Dr. Jin or to the Co-Editor for Special Issues, Dr. Peggy Ann Shea ([sssrc@msn.com](mailto:sssrc@msn.com)).

The general format for submission of papers is on the ASR Elsevier web site, <http://ees.elsevier.com/asr>.

