

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

New Results from DORIS for Science and Society

Papers are invited for a special topical issue of *Advances in Space Research* (ASR) on New Results from DORIS for Science and Society.

Subjects include the following:

- (1) the use of DORIS as a unique tracking technique for low Earth orbiters and in particular satellite altimeter missions;
- (2) new implementations of DORIS where the receiver clock on the satellites is linked to GNSS time such as on Sentinel-3 A/B and Jason CS/Sentinel-6;
- (3) the effect of the South Atlantic anomaly on the DORIS satellite clock;
- (4) reprocessing activities of the historic missions in particular on the modelling of several satellites;
- (5) surveillance and maintenance of the IDS beacon network to support DORIS.

We encourage papers that deal with precision orbit or measurement modelling, reduction of systematic errors, new approaches for processing DORIS data configurations for a next-generation DORIS system, new applications for DORIS including Near Real Time (NRT) and synergy with other geodetic techniques.

Papers must be submitted electronically to <https://www.editorialmanager.com/AISR> to ensure that all manuscripts are correctly identified for inclusion into the special issue, authors must select “**Special Issue: DORIS, Science, Society**” when they reach the "Article Type" step in the submission process. Submitted papers must be written in English and should include full affiliation postal addresses for all authors. The general format for submission of papers can be found on the ASR Elsevier web site at

http://www.elsevier.com/wps/find/journaldescription.cws_home/644/authorinstructions

Only full-length papers will be considered for publication, subject to peer review by a minimum of 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 **30 April 2022**, 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. All articles will be typeset at no cost to the author; there is a charge for printing color figures; there is no charge for color figures on the electronic version.

Dr. Ir. Ernst Schrama (e.j.o.schrama@tudelft.nl) and **Dr. Ing. Denise Dettmering** (denise.dettmering@tum.de) are the Guest Editors for this special issue. Questions can be directed to Drs. Schrama or Dettmering or to the Co-Editor for Special Issues, Dr. Peggy Ann Shea (sssrc@msn.com).