

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

## **Advances in Small Satellites for Space Science**

Papers are invited for a special topical issue of *Advances in Space Research* (ASR) entitled “*Advances in Small Satellites for Space Science*”.

Miniaturization in sensor technologies, attitude control systems providing fine precision pointing and high data rate communication have all made nano and small satellite platforms capable of full space science missions. The CubeSat approach to satellite building incorporates higher risk acceptance and using commercial off the shelf components. Combined with ever increasing opportunities for access to space at reduced costs, small satellites can now offer cost-effective solutions for addressing fundamental scientific questions in Earth Science, Heliophysics, Astronomy and Planetary sciences. While CubeSats have provided the democratization of space for a number of countries who have built and operated their first satellites in the past decade, such platforms also provide new entrants to address outstanding questions in space sciences. Space Science missions with constellations of CubeSats providing high temporal and spatial coverage are also being increasingly proposed. In this special issue we welcome relevant manuscripts from the small satellite and CubeSat community on current and funded missions and concepts for instrumentation and mission ideas for space science.

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: Small Science Satellites”** when they reach the "Article Type" step in the submission process.

Submitted papers must be written in English and they should include full affiliation postal addresses for all authors. 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 31 May 2019**, 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 although there is no charge for color figures on the electronic version.

Dr. Amal Chandran ([achandran@ntu.edu.sg](mailto:achandran@ntu.edu.sg)) and Dr. Loren Chang ([loren@ncu.edu.tw](mailto:loren@ncu.edu.tw)) are the Guest Editors for this special issue. Questions can be directed to Drs. Chandran and Chang 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 can be found on the ASR Elsevier web site at <http://www.journals.elsevier.com/advances-in-space-research/>