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REGISTRATION

To partially offset the cost of the Symposium, there will be a registration fee in the order of € 600 for participants registering by January 31st, 2019.

After that date, the registration fee will raise to € 700. The registration fee for students amounts to € 190.

The fee will cover admission to the sessions, the symposium digest, the proceedings published after the symposium, the symposium reception, coffee breaks and lunch. A social program for accompanying persons will be organized.

Registration forms will be placed end of November on to the symposium webpage as part of the Final Announcement: <http://smallsat.iaaweb.org>

Coordination:

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Call for Papers

12th IAA Symposium on Small Satellites for Earth Observation

**May 06 - 10, 2019
Berlin, Germany**



Composition photo: DLR/OS



**International Academy of
Astronautics**

Supported and hosted by



**DLR Deutsches Zentrum
für Luft- und Raumfahrt e.V.**



**Technische
Universität
Berlin**

OBJECTIVES

The great number of scientists, engineers, and managers who participated in the hitherto existing symposia reflects the high interest in the use of small satellites for dedicated missions applied to earth observation, from scientific earth observation missions to technology demonstration missions.

These types of missions can be conducted relatively quickly and inexpensively and provide increased opportunity for access to space.

The spacecraft bus and instruments can be based either on optimized off-the-shelf systems, with little or no requirements for new technology, or on new high-technology systems. Thus a new class of advanced small satellites, including autonomously operating satellites or constellations/formations may be created, opening new fields of application for scientific purposes as well as operational, public and commercial services.

The symposium will provide a forum for scientists, engineers and managers to exchange information about planned and on-going programs and missions, and present new ideas, covering small satellite mission objectives as well as technology and management aspects for dedicated earth observation satellites. Areas of interest include, but are not limited to:

Small Satellite Mission Programs

- International and national programs
- Planned and on-going programs
- Integrated applications

Objectives for Small Satellite Missions

- Scientific earth observation missions
- Systems for disaster and climate monitoring
- Technology demonstration missions
- Commercial services and applications
- Results and lessons learned

Mature (off the Shelf) Systems

- Sensors and instrumentation
- Spacecraft concepts and sub-systems
- Software and IT safety
- Ground stations and communication
- Mission operation and facilities
- Launch systems

University programs and systems

Distributed Space Systems

- Constellation and formation
- Rendezvous and docking

Space Debris issues

Student Prize Paper Competition^{*)}

The symposium will consist of

- Lectures by invited speakers
 - Contributed papers selected from abstracts received in response to the call for papers
 - Poster sessions
 - Panel discussions
- and will include a technical exhibition to showcase hardware and posters.

The official language will be English.

SCHEDULE

May 30, 2018	Call for Papers
October 31, 2018	Abstracts Due
November 30, 2018	Notification to authors
December 15, 2018	Final Announcement
January 31, 2019	Extended abstract due (4 pages)
May 06, 2019	Final paper due (max. 8 pages)
May 06 - 10, 2019	12 th Symposium
July 2019	Proceedings

CALL FOR PAPERS

You are invited to contribute a paper for presentation at the symposium. A one-page, single-spaced abstract of no less than 300 and no more than 500 words^{*)} must be received by

October 31st, 2018.

Abstracts should be in English and shall include the symposium topic addressed, the problem explored, the methodology used, results and conclusions so as to allow the Scientific Program Committee to make an informed decision regarding their suitability for inclusion into the symposium.

Notification of your paper's acceptance and author's instructions will be sent by November 30th 2018.

The symposium digest comprising the extended abstracts (four pages) will be part of the registration package handed over when registering on-site.

Final papers for the symposium proceedings are limited to eight pages, including tables and illustrations. The symposium proceedings will provide the contributed papers and interactive poster session papers presented during the symposium. They will be available for the participants after the conference.

Outstanding presentations of papers and posters will be awarded.

Send your abstract by e-mail to: iaa.symp@iaaemail.org

^{*)} **Please note:** Students, who want to submit their abstract for the Students Conference need to prepare an **extended abstract** (4 pages)
(see Call for Student Papers, <http://smallsat.iaaweb.org>)

