

# **Call for abstracts**

## **2nd Symposium on Space Educational Activities**

### **April 11-13, 2018, Budapest, Hungary**

#### **Purpose of the Symposium**

The 2<sup>nd</sup> Symposium on Space Educational Activities (2<sup>nd</sup> SSEA) event follows the first symposium held in Padova in 2015, and will continue to be an excellent forum for university students, professors, and professionals from around Europe to present and discuss their educational space-related projects and programs.

The symposium will be held on April 11-13, 2018 in Budapest, Hungary. The event is organized by the Budapest University of Technology and Economics, European Space Agency's Education Office and the Hungarian Astronautical Society (MANT).

The 2<sup>nd</sup> Symposium on Space Educational Activities aims to provide a comprehensive overview of space-related activities conducted by university students and young professionals from around Europe. Presentations will focus on various classes of experimental platforms such as CubeSats, sounding rockets and balloons (e.g., REXUS/BEXUS program), drop towers (e.g., Drop Your Thesis program), centrifuges (e.g., Spin Your Thesis program), etc. Besides providing an opportunity for dissemination of information about educational and research activities, this event will be a chance to share experiences among students and young professionals from different countries and network with international researchers. Another goal of the symposium is to elevate the understanding of academic and government institutions as well as industrial partners of the importance of hands-on activities in the preparation of the next generation of space scientists and engineers.

In accordance with the objectives outlined above, participants are invited to submit abstracts based on their original research for oral or poster presentation. Since this is a symposium on educational programmes and activities conducted by university students, the submitted work should be conducted either as part of an existing educational programme or at least a significant aspect or aim of the project/programme has to be educational.

Experiments from past and on-going projects, as well as products and capabilities of the space industry will also be displayed in a dedicated exhibition area.

Following the Symposium, a follow-on event, the SGAC European Student Forum 2018 will be organized by the UN supported Space Generation Advisory Council for university students on April 14. During this one day event, participants will discuss how hands-on activities could be better implemented as part of educational programs in space studies within Europe.

#### **Topics**

The scientific/technical topics are including but not limited:

- Astronomy & Astrophysics
- Astrobiology

- Environmental physics and chemistry
- Space systems technologies
- Land & aerial vehicles
- Launch & re-entry systems
- Space medicine
- Space and satellite communications
- Earth Observation
- Small satellites missions
- Emerging topics like space mining; planetary defense; Moon village concept
- Space education strategies, programs & initiatives

Based on the interest of the authors, the following sections are planned among others:

- Lessons learned from CubeSat missions
- Challenges in rocket and balloon programs
- Expectations of startup/spin off companies from educational projects
- Network of universities in the European Student Earth Orbiter (ESEO) project

## **Important dates**

- Abstract submission deadline: October 31, 2017
- Notification of acceptance: December 1, 2017
- Submission of full paper: March 1, 2018
- Symposium: April 11-13, 2018

## **Abstracts, papers, presentation**

Abstracts can be submitted through EasyChair. Submission instructions and template are provided on the conference website.

All accepted abstracts will be published electronically in the book of abstracts.

We accept abstracts for oral and poster presentations. At an exhibition hall, place for demonstrations will be offered where authors can show live simulations/demonstrations of their project if they would like to use this opportunity to provide more details about their work.

Authors will be asked to submit a full paper which will be published in the official conference proceedings after the symposium. We have a no paper – no show, no show - no paper policy which means only those papers will be published in the conference proceedings whose authors participated the conference and hold their presentation (either oral or poster).

Papers should be submitted through EasyChair before March 1.

If required, updated papers may be submitted after the conference to reflect feedback/inputs gained following the author(s) participation. In general, those updates should be minor in detail, and should not affect the overall subject or composition of the paper, i.e., updated papers should not be substantially different from this initial submission. We request that author(s) clearly identify changes in their updated papers using either 'track changes' or by highlighting. Updates will be possible between April 13 and 27.

Prizes for the best poster and best oral presentation will be awarded during the gala dinner.

## **Exhibition area**

For companies and institutions who would like to show their work/projects/opportunities, exhibition booths will be provided. More information about the exhibition hall is available on the website of the symposium.

## **Sponsorship opportunities**

For those who are interested in sponsorship opportunities, a sponsorship kit is available.

**For more information, contact the chairs of the symposium or visit the symposium's website:**

Chair: László Baczárdi, [bacsardi@hit.bme.hu](mailto:bacsardi@hit.bme.hu)

Co-chair: Kálmán Kovács, [kovacsk@mail.bme.hu](mailto:kovacsk@mail.bme.hu)

Central email address of the Organizing Committee: [ssea@mail.bme.hu](mailto:ssea@mail.bme.hu)

Website of the symposium: <http://www.ssasymposium.org>