

**Announcement and Call for Works of**  
**Sino-Russian University Students**  
**Satellite Innovation Design Contest**  
Harbin, 2016



**Organizing Committee**

**March 2016**

Small satellite integrates the high technology of many disciplines, such as mechanics, communication, electronics, control, materials and etc. Small satellite has already become the foreland to promote the major innovation of concept and technology in the field of aerospace. Large number of new concepts have emerged and been verified by the small satellite. The development time of small satellite is relatively short and matches students' training cycle. Meanwhile, its low cost has made the design and development of small satellite become an important way of cultivating talents.

The conduction of 2016 Sino-Russian University Students Satellite Innovation Design Contest (SSIDC) is to promote the construction of 'The belt and road' as well as stimulate the imagination enthusiasm of young students. Furthermore, the contest enhances the communication of students between China and Russia to promote scientific and technological innovation.

Organizers: Chinese Society of Astronautics, Association of Sino-Russian Technical Universities (ASRTU), Harbin Institute of Technology, Bauman Moscow State Technical University

Co-Organizers: School of Astronautics, Harbin Institute of Technology

Technical Support : National-Local Joint Engineering Laboratory of Rapid Response Small Satellite Technology

## **1. Purpose and Topics**

The objective of the Innovative Design Contest is to innovate for small satellite related fields around the latest technology progress and the development trends of aerospace in the future. Participants are particularly encouraged to make bold visions of innovative concepts that may have an influence on the future development of the aerospace.

The contest theme includes, but not limited to, the following topics:

- ✧ Deep or near space mission based on the small satellite
- ✧ New conceptual small satellite system technology
- ✧ Innovative application of small satellite
- ✧ New subsystems or components applicable to small satellite
- ✧ Other prospective new concepts, methods and technology

## **2. Participants**

Sino-Russian college students, regardless of the discipline, who are interested in the innovative design of small satellites, can participate the contest in individual or team up to five people.

## **3. Requirements**

Entries should be scientific, innovative and integrative.

The work needs to be submitted within specified time.

No restriction on the presentation forms, the writings, pictures,

videos or models are all allowed (models could be submitted in the finals).

#### **4. Prizes**

Certificates and awards will be issued to the winning entries, and the awards are set as follows:

First Prize: \$8000 (Pre-tax, 5 awards)

Second Prize: \$4000 (Pre-tax, 10 awards)

Excellent Prize: Several

Depending on the qualities of entries, the organizing committee can adjust the number of awards. Outstanding works would be selected as the optional scheme for small satellite mission plan and provided the launch opportunity. The winning team and individual would be selected to participate the satellite launch tour and small satellite summer camp.

#### **5. Important Dates**

Announcement and call for works: March 21, 2016

Registration Deadline: March 28-April 15, 2016. Participants register on the official website [ssidc.hit.edu.cn](http://ssidc.hit.edu.cn)

Submission Deadline: June 10-25, 2016. Participants submit the entries on the official website, the extended abstract in English (up to 3 pages) is mandatory while the full paper is preferred as the supporting material.

Notification of Acceptance/Rejection into Finals: July 15, 2016

Finals: August 12-16, 2016 Harbin, Heilongjiang. Participants will make a report and submit poster and full paper of their works in the final. Meanwhile, forums and seminars will be held.

## **6. Contact Information**

Official Website: [ssidc.hit.edu.cn](http://ssidc.hit.edu.cn)

Official Email: [SSIDC2016@163.com](mailto:SSIDC2016@163.com)

Organization Contact: Zhu Lily

Tel: (+86)451-86403166-8000, (+86)18845154721

E-mail: [lily\\_zhu\\_2008@163.com](mailto:lily_zhu_2008@163.com)

Organization Contact (Russian): Gao Yang

Tel: (+86)451-86403916, (+86)15765521996

E-mail: [gaoyangwscy@163.com](mailto:gaoyangwscy@163.com)

Technical Contact: Wei Cheng

Tel: (+86) 451-86417756-804, (+86)18646562866

E-mail: [spacehit@126.com](mailto:spacehit@126.com)

## **7. Declarations**

(1) The entries should not infringe on intellectual property right affairs. The intellectual property disputes will be handled by participants.

(2) The intellectual property rights belong to the participants. The organizing committee has the right to non-profit editing and

publishing. Participants are deemed to confirm and agreed to comply with the contest rules on copyright.

(3) The entries should not violate relevant laws and regulations. The participating units and individuals will be responsible for the consequences of illegal problems.

(4) For further information and queries, please call the contest committee which reserves the final explanation right.