

First Announcement and Call for Papers

16th International Space Conference of Pacific-basin Societies (ISCOPS)
Tokachi Plaza, Obihiro, Japan
June 9-12, 2020

Deadline for Abstracts: February 15, 2020

AIM OF THE CONFERENCE

The American Astronautical Society (AAS), the Chinese Society of Astronautics (CSA) and the Japanese Rocket Society (JRS) are pleased to hold jointly the 16th International Space Conference of Pacific-basin Societies (ISCOPS) from June 9-12, 2020 in Obihiro, Japan. The conference will provide a forum for space decision-makers, experts, engineers and scientists to exchange ideas and experiences in space technology and discuss the future of space development and its applications, mainly in the Pacific-basin countries, under the theme "DO Actions for Game Changing in Space Exploration".

CONFERENCE VENUE AND LANGUAGE

The 16th ISCOPS will be held at the Tokachi Plaza, Obihiro, Japan. English will be the working language of the conference.

MAIN SESSIONS

- A. Plenary Session
- B. Technical Sessions
 - B.1. Astrodynamics, Guidance and Control
 - B.2. Space Exploration and Space Robotics
 - B.3. Small Satellites, Formation Flying and Constellations
 - B.4. Space Materials, Structures, Power and Propulsion
 - B.5. Space Systems, Transportation, Payloads and Infrastructure
 - B.6. Space Debris Protection, Mitigation and Removal
 - B.7. Space Laws and Regulations
- C. International Students Conference and Competition (Graduate Level)

ABSTRACTS

Abstracts for proposed papers must be received by **February 15, 2020**. An abstract of 400 to 600 words in English should be submitted to the *regional representatives* as indicated below with Microsoft Word and/or PDF documents as attachments. Student abstracts for Session C should clearly indicate the level (Masters or Ph.D.) and the name of the student presenter. Supporting figures and tables are encouraged. Authors are requested to prepare their abstracts as follows: single spacing; starting in the top quarter of the page include title, full names of all authors, affiliation and mailing addresses of all authors, a designated contact author, email addresses, phone numbers, and up to three key words. Authors are encouraged to suggest the most suitable session for their presentation.

REGIONAL REPRESENTATIVES

AAS – Professor Arun Misra
Department of Mechanical Engineering
McGill University
817 Sherbrooke Street West
Montreal, QC, CANADA H3A 0C3
Tel: 1-514-398-6288
Fax: 1-514-398-7365
Email: arun.misra@mcgill.ca
(for North and South American and all other participants)

CSA – Ms. Zhang Yao
Department Director
Chinese Society of Astronautics
No. 8 Fucheng Road, Haidian District, Beijing, CHINA
Tel: +86-10-68193081
Fax: +86-10-68372022
Email: csa_zhangyao@sina.cn
(for Chinese participants)

CSA – Ms. Huang Zewen
Project Manager
Chinese Society of Astronautics
No. 8 Fucheng Road, Haidian District, Beijing, CHINA
Tel: +86-10-68768623
Fax: +86-10-68768624
Email: huangxiaoduo0420@163.com
(for Chinese participants)

JRS – Professor Yasuhiro Morita
The Institute of Space and Astronautical Science, JAXA
3-1-1 Yoshinodai
Chuo-ku, Sagamihara, Kanagawa 252-5210, JAPAN
Fax: +81-42-759-8458
Email: morita.yasuhiro@jaxa.jp
(for Japanese participants)

JRS – Professor Satoshi Nonaka
The Institute of Space and Astronautical Science, JAXA
3-1-1 Yoshinodai
Chuo-ku, Sagamihara, Kanagawa 252-5210, JAPAN
Fax: +81-42-759-8458
Email: nonaka.satoshi@jaxa.jp
(for Japanese participants)

PROCEEDINGS

Proceedings will be published by the AAS after the conference. Although participants will receive the proceedings on a CD free of charge, hardcopy versions may be ordered for an additional charge. Full papers should be prepared according to the proper *AAS Format Instructions* as listed on the Univelt Web Site Page: <http://www.univelt.com/FAQ.html#SUBMISSION>. Authors are requested to bring one hardcopy of their own papers to the conference, plus a copy on a memory stick. Following the conference, authors will have time to make corrections to their manuscripts before submission to Univelt. The final electronic versions of the papers in PDF format should be e-mailed to the Univelt at: roberthjacobs@univelt.com no later than September 15, 2020.

CONFERENCE FEES

Full Participant	USD 550
Full Participant (Retired)	USD 350
All Student Participants	USD 100
Accompanying Person	USD 100

Full participant and student registration fees include admission to all technical sessions and social programs, including the welcome reception, the award banquet, coffee breaks, and a half-day technical visit, as well as the proceedings of the conference.

SPARK MATSUNAGA MEMORIAL AWARD

During the conference, the Tenth Spark Matsunaga Memorial Award will be presented to a person from the Pacific region who has made distinguished contributions to regional or global space cooperation. In order to simplify the process of selection, the following principles agreed by the AAS, CSA and JRS will be followed:

- Each ISCOPS in principle will select one winner;
- The winner should be selected from the candidates nominated by the host society from their own country;
- The other two societies are asked to respect the hosting society's nomination and support the selected winner.
- One additional winner from another pacific-basin country not involved with hosting future ISCOPS might be possible upon the agreements by the three societies. Nominations, including a nomination letter, one page supporting document, and an additional letter of reference, should reach the Matsunaga Award Committee at JRS regional representative by April 15, 2020.

TECHNICAL VISIT

A half-day technical visit will be organized on Friday afternoon, June 12, 2020 free of charge for full and student participants. Roundtrip bus transportation will be provided from the conference site. All participants of the technical tour must be pre-registered, even if conference fees will be paid at the conference. Names, affiliations, addresses, and passport information must be provided. At the time of the visit, all participants must display passports.

Planned destinations are Multi-Purpose Aerospace Park, JAXA's Taiki Aerospace Research Field, and the factory, the test facility and the launch site of Interstellar Technologies Inc. in Taiki-town.

SOCIAL EVENTS

The welcome reception will be held on the evening of June 9. A banquet will be held on the evening of June 11, together with the award presentations for full and student participants. Additional banquet tickets may be purchased for USD 80.

ACCOMMODATIONS

Obihiro has a wide range of accommodation with a variety of options in every budget range. A list of recommended hotels will be included in the second announcement.

TECHNICAL CO-CHAIRPERSONS

AAS	Prof. Arun Misra
CSA	Dr. Li Ming
JRS	Prof. Yasuhiro Morita
	Prof. Satoshi Nonaka

VISAS

Certain participants of the 16th ISCOPS will require visas to enter Japan. Those participants should identify themselves as soon as possible, and official individual *letters of invitation* will be sent on behalf of ISCOPS, signed by an appropriate Japanese ISCOPS official.

*For additional information, please contact Professor Satoshi Nonaka.
Institute of Space and Astronautical Science 3-1-1, Yoshinodai, Chuo, Sagami-hara, Kanagawa 252-5210,
JAPAN.
Email: nonaka.satoshi@jaxa.jp*
