



## 2nd Interim Announcement

# 11th Asian Microgravity Symposium–2016

<http://www.jasma.info/ams2016/>

October 25 to 29 (Tuesday to Saturday), 2016

Hokkaido University Convention Hall, Sapporo, Japan

### Symposium Scope:

11th AMS2016 is the major international scientific forum for researchers in microgravity sciences utilizing the space environment, in particular microgravity. The main objectives include:

- Combustion and Chemical Physics
- Fluid Physics
- Materials Sciences
- Electrostatic Levitation
- Life Sciences and Biotechnology in Space
- Radiation Biology
- Space Microbiology
- Facilities and Techniques of Microgravity Experiments
- Microgravity Experiments from Ground to Space
- Fundamental Physics
- Heat & Fluid Flow in Microgravity
- Thermophysical Properties
- Crystal Growth, Protein and Colloids
- Life Support System
- Gravitational Biology
- Biomedical Countermeasure Research
- Ground-based Microgravity Research

### Important Dates and Remarks:

**April 30 ~~April 15~~, 2016: (Extended) Deadline for Abstract (300 words) Submission**

May 30, 2016: Acceptance Notice

June 1, 2016: Registration start

Aug. 1, 2016: Proceeding manuscript submission for IJMSA open

Sep. 9, 2016: Early bird registration finish.

Oct.10, 2016: Homepage registration close

Oct. 25-29, 2016: Conference

### Presentation categories:

Please note there are three presentation categories available.

Please choose one of them when you submit your abstract.

- Oral presentation
  - Poster presentation
  - Student poster (subject for student poster award)
- [\* note that the number of student posters has a maximum limit per room availability]

### \*Other Notes:\*

- The number of presentation is limited to \*one presentation per person\*.
- Once the abstract is accepted at least one of authors should participate the symposium and make presentation at the conference site.

**Brief History:**

The AMS has an over 20-year history since it was established in 1993. Briefly, the early meetings were held under the names “1st China-Japan Joint Workshop on Microgravity Research” in 1993 (Beijing, China) and “2nd Japan-China Microgravity Workshop” in 1994 (Tokyo, Japan). The workshops between the two countries were expanded with the participation of South Korea in the 8th meeting in 2010 (Sendai, Japan). In the 9th Workshop of 2012 (Guilin, China), the workshop was renamed “Asia Microgravity Pre-Symposium” which became the predecessor of the current form of AMS. The 2014 meeting was formally named as the “10th AMS-2014” and was held in Seoul, Korea. The “11th AMS-2016” will be held in Hokkaido University, Sapporo, Japan. Participants not only from Asian countries but also from all over the world are anticipated to share their research and friendship.

**Symposium Chairs:**

|           |  |
|-----------|--|
| Chair     | Osamu FUJITA, <i>Hokkaido University</i> , Japan                                       |
| Co-chairs | Masamichi ISHIKAWA, <i>JASMA</i> , Japan (from JASMA)                                  |
|           | Qiu-Sheng LIU, <i>NSMSA/CSSR</i> , China (from NSMSA)                                  |
|           | Won Seung CHO, <i>KMS(Inha University)</i> , Korea (from KMS)                          |
|           | Hideyuki TAKAHASHI, <i>JSBSS</i> , Japan   |
|           | Yidong GU, <i>Chinese Academy of Sciences</i> , China (by first letter of the country) |
|           | Kamanio CHATTOPADHYAY, <i>India Institute of Science</i> , India                       |
|           | Mhd Fairos ASILLAM, <i>National Space Agency</i> , Malaysia                            |
|           | Mohd Helmy HASHIM, <i>National Space Agency</i> , Malaysia                             |
|           | Thaweesak KOANANTAKOOL, <i>National Sci. &amp; Tech. Devel. Agency</i> , Thailand      |

**Organizing Committee:**

|        |                             |                           |                           |
|--------|-----------------------------|---------------------------|---------------------------|
| Japan: | • Nozomu Hashimoto, HU      | • Atsushi Higashitani, TU | • Takayuki Hoson, OCU     |
|        | • Takehiko Ishikawa, JAXA   | • Noriaki Ishioka, JAXA   | • Satoshi Iwase, AMU      |
|        | • Ichirou Karahara, UT      | • Osamu Kawanami, HPU     | • Yuki Kimura, HU         |
|        | • Yoshiaki Kitaya, OPU      | • Kensei Kobayashi, YNU   | • Tadahiko Masaki, SIT    |
|        | • Satoshi Matsumoto, JAXA   | • Harunori Nagata, HU     | • Makoto Natsuisaka, JAXA |
|        | • Haruhiko Ohta, KU         | • Toshiharu Oka, IA       | • Tsuyoshi Totani, HU     |
|        | • Kaori Tomita-Yokotani, UT |                           |                           |
| China: | • Huai-Xing Cang, IB/CAS    | • Kai Li, IM/CAS          | • Bin-Bin Wang, IP/CAS    |
|        | • Jin-Jia Wei, XJTU         | • Yang Yang, CSU/CAS      | • Zhang-Fu Yuan, BU       |
|        | • Guang-Jie Zhai, NSSC/CAS  | • Jian-Fu Zhao, IM/CAS    | • Lin-Hong Zhu, CSSR      |
|        | • Feng-Yuan Zhuang, BUAA    |                           |                           |
| Korea: | • Inho Choi, YU (Honorable) | • Soong-Keun Hyun, IU     | • Han Sung Kim, YU        |
|        | • Chang-Soo Lee, CNU        | • Joo-hee Lee, KARI       |                           |

**Scientific Committee:**

|                                    |  |                                   |
|------------------------------------|--|-----------------------------------|
| • Ryoji Imai, MIT, Japan (Chair)   | • Takeshi Nikawa, UT, Japan (Co-chair) | • Satoshi Adachi, JAXA, Japan     |
| • Wei-Ming Cai, ISBS/CAS, China    | • Xu-Zong Chen, BU, China              | • Jae-Hyuk Choi, MU, Korea        |
| • Jun Hidema, Tohoku Univ., Japan  | • Akira Higashibata, JAXA, Japan       | • Osamu Imamura, NU, Japan        |
| • Yuko Inatomi, JAXA, Japan        | • Qi Kang, IM/CAS, China               | • Sung-Hyun Kang, KRIBB, Korea    |
| • Naomi Katayama, NWU, Japan       | • Kyu-Sung Kim, IU, Korea              | • Tak-Joong Kim, YU, Korea        |
| • Youn-Kyu Kim, KARI, Korea        | • Wen-Jun Kong, IET/CAS, China         | • Geun Woo Lee, KRIBB, Korea      |
| • Joonho Lee, KU, Korea            | • Yoo Kyung Lee, KOPRI, Korea          | • Ying-Hu Li, ACC, China          |
| • Yan Liu, IC/CAS, China           | • Jun Luo, HUST, China                 | • Yuji Nakamura, TUT, Japan       |
| • Hiroshi Nomura, NU, Japan        | • Ming-Xiang Pan, IP/CAS, China        | • Jeong Park, PKNU, Korea         |
| • Junsoo Park, YU, Korea           | • Seul Park, CU, Korea                 | • Peng Shang, NPU, China          |
| • Naoto Shiba, KU, Japan           | • Kouichi Soga, OCU, Japan             | • Nobuo Suzuki, KU, Japan         |
| • Akihisa Takahashi, GU, Japan     | • Hroo Totsuji, OU, Japan              | • Ichiro Ueno, TUS, Japan         |
| • Yu-Ren Wang, IM/CAS, China       | • Masahito Watanabe, GU, Japan         | • Jin-Liang Xu, NCEPU, China      |
| • Masao Yamasaki, FHU, Japan       | • Tae-Sung Yoon, KRIBB, Korea          | • Raja Noor Zaleha, UPM, Malaysia |
| • Shou-Gang Zhang, NTSC/CAS, China | • Wei Zhang, CSU/CAS, China            |                                   |

**Symposium Organizers:**

Japan Society of Microgravity Application (JASMA), Japan  
 Japanese Society for Biological Sciences in Space (JSBSS), Japan  
 Center for Space Utilization/Chinese Academy of Sciences (CSU/CAS), China  
 Korean Microgravity Society (KMS), Korea  
 National Institute for Biotechnology and Genetic Engineering (NIBGE), Pakistan  
 National Microgravity Programme, India  
 National Science and Technology Development Agency (NSTDA), Thailand  
 National Society of Microgravity Science and Application (NSMSA), China  
 National Space Agency (ANGKASA), Malaysia

**Sponsors:**

Japan Aerospace Exploration Agency (JAXA), Japan  
 Chinese Academy of Sciences (CAS), China  
 Korea Aerospace Research Institute (KARI), Korea  
 National Science Foundation of China (NSFC), China  
 National Science and Technology Development Agency (NSTDA), Thailand  
 National Space Agency (ANGKASA), Malaysia  
 Sapporo City and Hokkaido Government, Japan

**Schedule (tentative):**

Oct. 25 (Tue): Registration, Welcome Reception  
 Oct. 26 (Wed): Opening Ceremony, Poster Sessions  
 Oct. 27 (Thu): Plenary Session, Oral presentation, Banquet  
 Oct. 28 (Fri): Oral presentation, Farewell party  
 Oct. 29 (Sat): Technical Tour (Option, Half day)

**Language:** English

**Proceedings Papers:**

The participants of AMS2016 are encouraged to submit proceeding manuscripts which will be peer-reviewed and published in the regular issue of “International Journal of Microgravity Science and Application (IJMSA).”

**Registration:**

*All necessary processes will be made via the AMS Homepage (<http://www.jasma.info/ams2016/>).*

\* Early Registration: 1st June, 2016 – 9<sup>th</sup> September, 2016

\*\* Late Registration: 10<sup>th</sup> September, 2016 – 10<sup>th</sup> October, 2016

|                    | Early Registration* | Late** & On Site |
|--------------------|---------------------|------------------|
| General            | 55,000 JPY          | 65,000 JPY       |
| Student            | 25,000 JPY          | 30,000 JPY       |
| Accompanied Person | 20,000 JPY          | 25,000 JPY       |

**Symposium Place:**

“Conference Hall” in Sapporo Campus of Hokkaido University  
 Kita 8, Nishi 5, Kita-ku, Sapporo, JAPAN

For more information,

please visit <http://www.jasma.info/ams2016/access/>

