

# <AMS2020 13th Asian Microgravity Symposium>

November 9-13, 2020, Ramada Plaza Hotel, Jeju, Korea



## 1st Interim Announcement (Tentative)

### 13th Asian Microgravity Symposium–2020

November 9 – 13 (Monday to Friday), 2020

Ramada Plaza Jeju Hotel, Jeju, Korea

#### Background:

*The Asian Microgravity Symposium (AMS) was established in 1993 and has grown into a very productive international meeting for microgravity science. The earlier nine symposiums had been held five times in China and four times in Japan. The 10<sup>th</sup> AMS held in Seoul, Korea (formally named as AMS2010) was the first official symposium named as ‘The Asian Microgravity Symposium’. Since then, we have seen the more international interests through AMS2016 (Sapporo, Japan) and AMS2018 (Zhuhai, China).*

*After the enthusiastic responses to the past symposiums, AMS2020 (the 13<sup>th</sup> AMS) will be held in Ramada Plaza Jeju Hotel, Jeju, Korea. AMS2020 aims to provide an international forum for presentation, exchange of ideas, and creation of knowledge in recent advances on various aspects of microgravity sciences and other related fields such as space life science and biotechnology, aerospace medicine, and so on. It will bring together researchers and practitioners from academia, research institutions and industry to exchange experiences, disseminate up-to-date information, and explore new opportunities; in particular, it will motivate young and new researchers to the state of the art in the related fields. Participants not only from Asian countries but also from all over the world are anticipated to share their research and friendship.*

### **Symposium Scope:**

AMS2020 will focus the following topics (but not limited to)

- *Space mission & astronauts*
- *Life Sciences and biotechnology in Space*
- *Combustion and Chemical Physics*
- *Fluid Physics/Materials Sciences*
- *Thermo-physical Properties*
- *Electrostatic Levitation/ Crystal Growth*
- *Fundamental physics*
- *Ground-based Microgravity Research*
- *Facilities and Techniques of Microgravity Experiments*
- *Space & Microgravity Industries*
- *Space Medicine & Astronaut/Space Crew Selection and Training*

### **Symposium Chairs:**

Chairs

Gi-Hyuk CHOI (President of **KMS**)

Co-chairs

Joo-Hee LEE, *KARI*, Korea (Vice-President of **KMS**)

Jian-Fu ZHAO (President of **NSMSA/CSSR**)

Osamu FUJITA (President of **JASMA**)

Amit KUMAR(IIT Madras, India)

*Others (TBD)*

### **Organizing Committee**

Korea:

Won Seung CHO, IU (Honorable) Inho CHOI, YU, (Honorable)

Soong-Keun HYUN, IU Han Sung KIM, YU

Chang-Soo LEE, CNU Joo-hee LEE, KARI

China:

Zhen-Qian CHEN, SEU

Li DUAN, IM/CAS

Hang GUO, BJUT

Mei-Ying HOU, IP/CAS

Long-Hua HU, USTC

Hui-Xiong LI, XJTU

Kai LI, IM/CAS

Liang LIU, SIOM/CAS

You-Cheng LIU, THU

Ye-Qing SUN, DLMU

Bing-Chen WEI, IM/CAS

Jin-Jia WEI, XJTU

Yang YANG, CSU/CAS

Qiang YU, NSSC/CAS

Hai ZHANG, THU

Japan:

Jun HIDEMA, TU Yuko INATOMI, JAXA  
Osamu KAWANAMI, UH Masao KIKUCHI, JAXA  
Kensei KOBAYASHI, YNU Tadahiko MASAKI, SIT  
Satoshi MATSUMOTO, JAXA Takeshi NIKAWA, TU  
Akihisa TAKAHASHI, GU Hideyuki TAKAHASHI, TU

*Others (TBD)*

*Scientific Committee*

Korea:

Jae-Hyuk CHOI, MU Sung-Hyun KANG, KRIBB  
Kyu-Sung KIM, IU Tak-Joong KIM, YU  
Youn-Kyu KIM, KARI Geun Woo LEE, KRISS  
Jin-Il LEE, YU Joonho LEE, KU  
Yoo Kyung LEE, KOPRI Jeong PARK, PKNU  
Junsoo PARK, YU Seul Hyun PARK, CU  
Tae-Sung YOON, KRIBB

China:

Wei-Ming CAI, SIPPE/CAS  
Zhen-Hui HE, SYSU  
Qi KANG, IM/CAS  
Ying-Hui LI, ACC  
Qiang LIU, CSU/CAS  
Mian LONG, IM/CAS  
Xing-Hong LUO, IMR/CAS  
Jian-Yin MIAO, CAST  
Peng SHANG, NWPU  
Shuang-Feng WANG, IM/CAS  
Yu-Ren WANG, IM/CAS  
Su-Yuan YU, THU  
Tao ZHANG, SITP/CAS  
Hui-Qiong ZHENG, SIPPE/CAS  
Ze-Bing ZHOU, HUST

Japan:

Akira HIGASHIBATA, JAXA Atsushi HIGASHITANI, TU  
Ryoji IMAI, MIT Osamu IMAMURA, NU  
Takehiko ISHIKAWA, JAXA Yuki KIMURA, HU  
Yoshiaki KITAYA, OPU Yuji NAKAMURA, TUT  
Ozawa SHUMPEI, CIT Kouichi SOGA, OCU  
Yoshihiko TANAKA, GUMS Kaori TOMITA-YOKOYA, TU  
Ichiro UENO, TUS Masahito WATANABE, GU  
Sachiko YANO, JAXA Yukari YOSHIDA, GU

Israel:

Ilya B. SIMANOVSKII, Technion

Malaysia:

R.N.Z.R. ABD RAHMAN, UPM

*Others (TBD)*

***Symposium Organizers:***

Korean Microgravity Society (KMS), Korea

Chinese Academy of Sciences (CAS), China

National Society of Microgravity Science and Application (NSMSA), China

Japan Society of Microgravity Application (JASMA), Japan

Japanese Society for Biological Sciences in Space (JSBSS), Japan

*Others (TBD)*

***Sponsors:***

Korea Aerospace Research Institute (KARI), Korea

National Science Foundation of China (NSFC), China

Japan Aerospace Exploration Agency (JAXA), Japan

*Others (TBD)*

***Important Dates and Remarks:***

Nov. 30, 2019	Homepage opening
Feb. 1, 2020	Starting date for Abstract Submission
Apr. 15, 2020	Deadline for Abstract Submission
Jun. 15, 2020	Acceptance Notice
Jun. 16, 2020	Registration start
Sep. 30, 2020	Deadline for early-bird registration
Nov. 9–13, 2020	Conference

***Schedule (tentative):***

Nov. 9 (Mon): Registration,

Nov. 10 (Tue): Opening Ceremony, Plenary Session, Welcome Reception

Nov. 11 (Wed): Oral presentation, Poster Sessions, Social Event & Banquet

Nov. 12 (Thu): Oral presentation, Farewell party

Nov. 13 (Fri): Technical Tour (Option, Half day)

***Language:*** English

**Registration:**

*\*All necessary processes will be made via the AMS2020 Homepage (<http://www.ams2020.kr>).*

	Early Registration	Late & On Site
General	650\$	750\$
Student	350\$	400\$
Accompanied Person	350\$	400\$