

The International Academy of Aeronautics (IAA), the Chinese Society of Astronautics (CSA) and Shanghai Academy of Spaceflight Technology (SAST) are pleased to hold jointly the 8th CSA-IAA Conference on Advanced Space Technology from 3-5 September, 2019. The conference would provide a platform to exchange ideas on how advanced Astronautic Technology brings benefits for humanity and explore the possibility for developing cooperative projects.

We welcome you to submit an abstract for our conference.



## Call for papers

# The 8<sup>th</sup> CSA-IAA Conference on Advanced Space Technology

3-6 September, 2019 Shanghai, China

### AIM OF THE CONFERENCE

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### CONFERENCE VENUE

The Conference will be held in Shanghai, At Sofitel Shanghai Hongqiao.  
Address: No.666 Taihong Road, Minhang district. Shanghai  
Tel: 86-21-36696666

### CONFERENCE ORGANIZATION

#### Hosted by

Chinese Society of Astronautics (CSA)  
International Academy of Astronautics (IAA)  
Shanghai Academy of Spaceflight Technology (SAST)

#### Supported by

China National Space Administration (CNSA)  
China Aerospace Science and Technology Limited Corporation (CASC)  
China Aerospace Science and Industry limited Corporation (CASIC)

# AREAS OF INTEREST

## Astronautic Breakthrough Technology and Innovation

### Topics proposed:

1. Launch Vehicle and Launch Technology
  - Future Launch Vehicle and Emerging Technology
  - Orbital and Suborbital Flight
  - Orbital Transportation
  - New Launch Approach and Space Ports
  - Space Material, Structure and Thermal Protection
  - Aerospace Propulsion System
2. Satellite payload and Application
  - Future Space Application Technology
  - New Payload Technologies of Space Communication, Navigation and Remote Sensing
  - Development of Small, Mini-, Micro- and Nano- Satellite
  - On-Orbit Service And Maintenance
  - Space Robots
3. Human Space Station and Human Space Exploration
  - Space System and Related Technologies
  - Safety and Maintenance of Human Spacecraft
  - Space Station Experiment Issue
  - Particle Radiation Hazard and Protection in Space
  - Space life science
4. Space Science and Robotic Space Exploration
  - Space Science
  - Development and Utilization of Space Resources
  - Robotic Space Exploration
5. New Technology and New Mode in Commercial Space
  - Space Emerging Industry
  - The Role of Space Industry in Socio-Economic Development
  - Future Space International Cooperation
  - Policies and laws on Space International Cooperation
6. Disruptive Technology and Application
  - Artificial Intelligence and Its Application in Space Industry
  - Quantum Communication in Space
  - Graphene and Carbon-Fiber Aircraft
  - Promotion for Space Industry by Integration of innovative technologies

## CONFERENCE WEBSITE

<http://www.csiic.cn/>

## ABSTRACT SUBMISSION

The working language will be English. A Typical abstract would be one page long, word format, 1000 words, associated to a short bio of the authors. All intended papers will be examined by the IPC.

Abstracts should be e-mailed to: [sast@csiic.cn](mailto:sast@csiic.cn) or submitted on conference website.

Papers accepted will be compiled into the supplement of Shanghai Aerospace and we will select the best paper to recommend for publication in academic journals. Such as Advances in Aerospace Science and Technology and so on.

## KEY DAYS

May 30, 2019	Abstract Deadline
June 15, 2019	Author Notification
July 30, 2019	Papers Deadline
August 1, 2019	Early Registration Deadline
August 25, 2019	Registration Deadline