



APISAT 2021

Asia-Pacific International Symposium on Aerospace Technology 2021

November 15 - 17, 2021

Ramada Plaza Jeju Hotel, South Korea



Aim and Scope

The 2021 Asia-Pacific International Symposium on Aerospace Technology (APISAT 2021) is a collaborative endeavor among Korean, Japanese, Chinese and Australian societies for aerospace technology. The symposium, hosted by the Korean Society for Aeronautical and Space Sciences, will be held on November 15 through 17, 2021, Ramada Plaza Jeju Hotel, Jeju, Korea. This symposium will provide an opportunity for both academic researchers and industrial engineers from the Asia-Pacific region to discuss current and future advanced topics in aerospace technology. It will be an important event also preparing for post-COVID 19 aerospace industry, which is calling for even closer collaboration in the region. The official language of the symposium will be English.

※ The Organizing Committee decided to hold APISAT 2021 in a hybrid format in consideration of the safety and health of the participants due to the COVID-19 situation. Of course, if the situation improves, we welcome face-to-face participation

Topics

Topics include but are not limited to:

Aerodynamics and Design

- Computational Fluid Dynamics
- Wind Tunnel Testing
- Flow Visualization
- Unsteady Aerodynamics
- Acoustics
- Aircraft, Helicopter and UAV Design

Dynamics/Control/Avionics

- Flight Simulation
- Navigation
- Guidance and Control
- ATM/CNS/UAM
- Sensors and Actuators
- Satellite Attitude Control

Structures and Materials

- Structural Analysis
- Structural Testing
- Smart Structures
- Composite Structures
- Structural Dynamics and Control
- Aeroelasticity and Control

Combustion and Propulsion

- Combustion Analysis
- Fuels / Fuel Injection
- Engines
- Turbines
- Cooling Systems
- Spacecraft Propulsion

Submissions

Prospective authors should submit their abstracts in PDF format at the conference website: <http://www.apisat2021.org> by July 14, 2021. The abstract in 400~500 word range should be prepared using the provided template (available at the conference website) and it should describe the objectives, results, conclusions, innovative steps and overall significance of the work. The authors of the accepted abstracts should submit full papers, which will be published in the conference proceeding. The template of the full paper can also be found at the conference website. There is no page limit, but the full paper should have at least 6 pages. Accepted papers of APISAT 2021 will be published in the conference proceedings, which is to be submitted for Ei Compendex and Scopus index database. Additionally, Selected high-quality full papers will be invited to a special edition of the International Journal of Aeronautical and Space Sciences (IJASS), indexed in SCIE. The due dates for submission are as follows.

※ (Optional) Invited authors may submit the same full paper for IJASS SI consideration, or an enhanced version from APISAT full paper. Final decision for paper acceptance will be made after peer review process.

Important Dates

Submission of abstracts deadline : ~~June 30, 2021~~ **July 14, 2021**

Notification of paper acceptance : **July 30, 2021**

Registration open : **July 30, 2021**

Paper submission due date for full papers : **August 27, 2021**

Paper review feedback to authors : **September 10, 2021**

Submission of final camera ready full papers : **September 30, 2021**

Early bird registration closes : **September 30, 2021**

Regular registration closes : **November 9, 2021**

Paper* submission due for IJASS Special Issue : **December 19, 2021**

In the event that problems are encountered during electronic submissions via the website, please report the problem to the secretariat.

Email: secretariat@apisat2021.org