

2026年第二届航空航天机械程国际会议

2026 2nd International Conference of Mechanical Engineering on Aerospace

Conference Overview

2026 2nd International Conference of Mechanical Engineering on Aerospace (CoMEA 2026) is scheduled to be held in **Xi'an, China** on **June 19-21, 2026**. It encourages open sharing and discussion among global participants, fostering the exchange of emerging technologies in the greening, unmanned, electrification, and intelligence of aerospace mechanical engineering.

In the face of new-age challenges, the mechanical engineering on aerospace is evolving towards high-end, intelligent, and green directions. The scientists, experts and scholars in this field have been at the forefront of innovation, achieving significant outcomes in areas such as aerospace propulsion, lightweight electric aircraft, hydrogen aviation technology, assisted driving, autonomous flight control, and intelligent avionics systems.

The conference schedule will be three days including keynote sessions, parallel sessions, special sessions, presentations, and networking events. We hope all participants will enjoy the fascinating sceneries and cultural heritage during their three-day stay.

Call for Papers

Please visit: www.co-mea.org/call_for_paper.html for more information.

The topics of interest include, but are not limited to:

- Aerospace Propulsion
- Aerodynamics, Fluid Dynamics, and Aeroacoustics
- Aerospace Design, Manufacturing, and Maintenance
- Air-Breathing and Rocket Propulsion
- Combustion and Reactive Flows
- Computational Fluid Dynamics
- Flight Mechanics, Performance, Modelling, and Simulation
- Guidance, Navigation, and Control
- Intelligent Control
- Mechanical Engineering
- Robotics, Mobile Platforms, Unmanned Vehicles

Key Dates

Abstract Submission Due: December 17, 2025

Full Paper Submission Due: January 1, 2026

Author Notification Due: February 3, 2026

Registration Due: March 15, 2026

Camera-ready Submission Due: March 15, 2026

Main Conference: June 19-21, 2026

Publication

Registered and presented full papers will be included in the CoMEA 2025 digital conference proceedings and submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.



Accepted and selected extended papers can be recommended to publish in the following journal: *International Journal of Vehicle Systems Modelling and Testing* (ISSN: 1745-6444).

Submission

Online submission system:

<https://cmt3.research.microsoft.com/CoMEA2026>

Or scan the QR code:



Contact Us

Esther Liang

Email: inquiry@co-mea.org

Website: www.co-mea.org

Special Sessions

Session I : Flight Dynamics, Planning and Control

Session III : Transdielectric Dynamics and Applications

Session V : Industrial Vision-based Measurement Technologies and Applications

Session VII : Functional Polymers and Composites

Session IX : Vibration/Noise Control and Applications

Session XI : Innovations in Compressible Multiphase Flows: Modeling, Simulation, and Applications

Session XIII : Lightweight and Multi-functional Composite Structures

Session XV : Navigation, Guidance and Control

Session XVII : Smart Materials and Structural Design

Session XIX : Multi-scale and Multi-physics Modelling of Aerospace Composite Materials and Structures

Session XXI : Aerothermodynamics of Advanced Aero-Engines

Session II : Modeling and Simulation of Solid Rocket Motors and Propellants

Session IV : Intelligent Design Optimization of Aerospace Mechanical Structures

Session VI : Aerospace Structural Measurement and Control

Session VIII : Detonation Combustion and Propulsion Technology

Session X : Dynamic and Control of Spacecraft

Session XII : Hypersonic Design Technology

Session XIV : New Aeronautics and Astronautics Propulsion and Combined-cycle Propulsion Technologies

Session XVI : Multi-scale Simulation of Polymer-based Nanocomposites in the Aerospace Field

Session XVIII : Intelligent Perception and Planning of Unmanned Aerospace Systems

Session XX : Guidance and Intelligent Control of Cross-domain/Trans-media Morphing Aircraft

Session XXII : Aerodynamics and Flight Mechanics of Low Altitude Aircraft

Submission Guidelines

1. Manuscripts submitted to the conference should be written in English only.
2. Manuscripts submitted to the conference should follow the template provided.
3. Manuscripts can be submitted in Doc, Docx and PDF format.
4. Oral or Poster presentations should be nominated while submitting an abstract.
5. The ordinary length is suggested no less than 5 pages, including all figures, tables, references, and appendices. If the paper exceeds 5 pages, the additional pages will be charged at the time of registration.

For paper template, please visit: www.co-mea.org/submission_guideline.html.