

2026年第二届航空航天机械工程国际会议

2026 2nd International Conference of Mechanical Engineering on Aerospace

Welcome to CoMEA 2026

2026 2nd International Conference of Mechanical Engineering on Aerospace (CoMEA 2026) is organized by [Northwestern Polytechnical University](#), hosted by [School of Astronautics NPU](#), [Northwestern Polytechnical University](#), and [National Key Laboratory of Solid Rocket Propulsion](#), co-organized by [National Innovation Center for Solid Propulsion Management and Safety Technology](#), and [CoreShare Academic Exchange Center](#), and technically co-sponsored by [IEEE](#) and [IEEE Xi'an Section](#). The conference is scheduled to be held in [Xi'an, China](#) on [June 26-28, 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.

Topics of Interest

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
- Astrodynamics and Space Systems
- Automation and Control
- CAD/CAM/CAE
- Combustion and Reactive Flows
- Computational Fluid Dynamics
- Flight Testing and Evaluation of Aerospace Systems
- Fluid Dynamics
- Flight Mechanics, Performance, Modelling, and Simulation
- Guidance, Navigation, and Control
- Intelligent Control
- Heat and Mass Transfer
- Internal Combustion Engines
- Mechanical Engineering
- Modeling and Design
- Robotics, Mobile Platforms, Unmanned Vehicles
- Solid Mechanics and Aerospace Materials
- Vibration and Noise Control

Publication

Registered and presented full papers will be included in the [CoMEA 2026 digital conference proceedings \(ISBN: 979-8-3195-2218-4\)](#), which will be published by IEEE and submitted for inclusion into IEEE Xplore subject to meeting IEEE Xplore's scope and quality requirements, and also 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 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.

Online submission system: <https://cmt3.research.microsoft.com/CoMEA2026>

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Publication History



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Key Dates

Camera-ready Submission Due: June 18, 2026

Main Conference: June 26-28, 2026