

May 2026

IASED Newsletter



# 2026 2nd International Conference of Mechanical Engineering on Aerospace (CoMEA 2026) Xi'an, China | June 26-28, 2026

## Welcome to CoMEA 2026

2026 2<sup>nd</sup> 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 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.

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

## Important Dates

Abstract Submission Due: April 19, 2026  
Full Paper Submission Due: May 2, 2026  
Author Notification Due: May 16, 2026  
Registration Due: May 30, 2026  
Camera-ready Submission Due: May 30, 2026  
Main Conference: June 26-28, 2026



# 2026 2nd International Conference of Mechanical Engineering on Aerospace (CoMEA 2026)

Xi'an, China | June 26-28, 2026

**Organized by:** Northwestern Polytechnical University

**Hosted by:** School of Astronautics NPU, Northwestern Polytechnical University

National Key Laboratory of Solid Rocket Propulsion

**Co-organized by:** CoreShare Academic Exchange Center

**Technically Co-sponsored by:** IEEE IEEE Xi'an Section

## Call for Paper

For more information, please visit: [www.co-mea.org/call\\_for\\_paper.html](http://www.co-mea.org/call_for_paper.html)

Topics including but not limited to the following:

- Aerospace Propulsion
- Advanced Manufacturing
- Advanced Motion Control
- Aerodynamics, Fluid Dynamics, and Aeroacoustics
- Aerospace Design, Manufacturing, and Maintenance
- Air-Breathing and Rocket Propulsion
- Aircraft Structures and Fatigue Life Evaluation
- Guidance, Navigation, and Control
- Heat and Mass Transfer
- Human-Machine Interface
- Industrial Engineering
- Mechanical Engineering
- Industrial Tribology
- Intelligent Control
- Internal Combustion Engines

## Tracks

### Track I

#### **Integrated Technology of Smart Structural Design Optimization and Ground-based Strength Testing for Aircraft**

Chairs: Hongwei Zhao, Aircraft Strength Research Institute of China, China

Guofeng Zhang, Xi'an Jiaotong University, China

### Track II

#### **Mechanical Behavior Analysis and Optimization Design of Aerospace Composites**

Chair: Xiaoyu Cui, Tongji University, China

### Track III

#### **Advanced Guidance and Control for Wide-Area Flight Under Multi-Physics Coupling**

Chair: Yuliang Bai, Harbin Institute of Technology, China

### Track IV

#### **Advanced Manufacturing Technologies for Aerospace**

Chair: Shuming Yang, Xi'an Jiaotong University, China

### Track V

#### **Design, Forming, and Application Technologies of Lightweight and High-Strength Components for Aerospace**

Chair: Bing Wang, Fuzhou University, China

### Track VI

#### **Intelligent Composite Material Design and Its Aerospace Applications**

Chair: Xiaozhou Xin, Harbin Institute of Technology, China

### Track VII

#### **Intelligent and Digital Design of Aircraft and Spacecraft**

Chair: Jiaying Zhang, Beihang University, China

## Submission

CoMEA Online Submission Link: <https://cmt3.research.microsoft.com/CoMEA2026>

For more details, please visit: [https://www.co-mea.org/submission\\_guideline.html](https://www.co-mea.org/submission_guideline.html)