



# ICoCTA 2026

Qingdao, China  
October 23-25, 2026

## 2026 6<sup>th</sup> International Conference on Control Theory and Applications



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### CALL FOR PAPERS

The topics are as following but not limited to:

- ▶ Mechatronics
- ▶ Automotive Control
- ▶ Medical Applications
- ▶ Autonomous System
- ▶ Cognitive Control
- ▶ Intelligent Systems
- ▶ Complex Systems
- ▶ Modeling
- ▶ Computational Methods
- ▶ Multivariable Control
- ▶ Control Applications
- ▶ Network Control Systems
- ▶ Embedded Systems
- ▶ Robust Control
- ▶ Fault Detection
- ▶ Learning Systems
- ▶ Fault Management
- ▶ Stochastic Systems
- ▶ Guidance & Flight Control
- ▶ Uncertain Systems
- ▶ Nonlinear Systems

### Submission Guidelines

- Submitted papers should be written in English, including all figures, tables, references, and appendices.
- Ordinary length limits are at least 5 pages.

#### Link

<https://cmt3.research.microsoft.com/ICoCTA2026>



### Publication Information

Registered and presented full papers will be included in the ICoCTA 2026 digital conference proceedings and submitted to major citation databases (including, but not limited to Ei Compendex and Scopus) for review and indexing.



### Key Dates (The Second Round)

|                        |                   |
|------------------------|-------------------|
| Abstract Submission:   | June 16, 2026     |
| Full Paper Submission: | June 30, 2026     |
| Registration:          | September 9, 2026 |

### Special Sessions

- Modeling, Control and Analysis of Mixed Traffic Flow with Autonomous Vehicles
- Advances in Decision-making, Tracking and Control for Unmanned System
- Progress and Innovations in Multi-Source Information Fusion, Navigation, and Guidance Technologies
- Design, Control and Optimization of Green Hydrogen Integrated Energy Network System
- Advanced Control Theory and Applications of Intelligent Systems
- Learning Control and Games of Networked Systems
- Secure State Estimation and Control for Networked Systems
- Control, Learning, and Games of Complex Systems: Theory and Methods
- Advances in Stability Analysis and Intelligent Control for Stochastic Systems
- Modeling, Control, and Optimization for Complex Systems
- Autonomous Multi-Agent Systems in Robotics: Perception, Decision-making, Control, Learning, and Optimization Methods
- Embodied Intelligent Robotic Joint Technologies: Innovative Design and Applications
- Aerial Launch and Recovery for Mother-Daughter UAV Systems
- Perception, Control, and Optimization of Intelligent Transportation Systems
- New Advances in the Theory and Application of Optimization Algorithms
- System Intelligence and Safety Supervision Technology for Low altitude Aircraft
- Data-Driven Sparse Modeling and Intelligent Soft Sensing for Complex Industrial Processes
- Optimal Operation and Control in Power Systems with Hydrogen Energy Collaborations
- Methods and Applications for Intelligent Industrial Alarm Optimization, Analytics, and Root Cause Tracing
- Advanced Control Techniques for Embodied Intelligent Robots Under Uncertain Working Conditions