

2026 International Conference on Automation in Manufacturing, Transportation and Logistics (iCaMaL2026)

Aug. 12-14, 2026. Hangzhou, China

<https://icamal2026.com>



浙江工商大学
ZHEJIANG GONGSHANG UNIVERSITY



浙江省自动化学会
ZHEJIANG ASSOCIATION OF AUTOMATION

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The 2026 International Conference on Automation in Manufacturing, Transportation and Logistics will be held in Hangzhou, a beautiful city in China. It will feature plenary speeches, panel sessions, tutorials, workshops, interactive sessions, and invited/special sessions. Contributions are expected from academia, industry, and management agencies.

Conference Theme: AI-Driven Systems for Next-Generation Industrial Automation

Technical topics of the conference are focused on advanced automation methods and technologies on Manufacturing, Transportation and Logistics, including but not limited to:

- Industrial Large Models (ILMs)
- Model transfer and distillation
- Model compression and acceleration
- Federated and privacy-preserving learning
- Prompt engineering and retrieval-augmented generation (RAG)
- Explainable and verifiable AI
- Sim-to-real transfer
- Reinforcement learning for control
- Data-driven scheduling
- Multi-objective optimization
- Simulation-based optimization
- Digital twins
- Real-time inference and low-latency systems
- Automated inspection and non-destructive testing (NDT)
- Predictive maintenance and prognostics
- Robotics and collaborative robots (cobots)
- Mobile robots, AGV and AMR
- Automated warehousing and robotic picking
- Autonomous freight systems and remote driving
- V2X and vehicular networks
- Intermodal and multimodal transport
- Physical Internet concepts and implementations
- Smart ports and terminal automation
- Supply chain resilience and risk management
- Container routing and vehicle routing problems
- Demand forecasting and inventory optimization
- Green logistics and decarbonization strategies
- Circular economy and lifecycle optimization
- Blockchain for supply chain provenance and trust
- Cyber-physical security for industrial systems
- Human-machine interaction and operator augmentation
- Energy harvesting and self-powered sensing
- Generative design and topology optimization
- Benchmarks, datasets and testbeds for manufacturing, transportation and logistics

Sponsors



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Conference History & Achievements

iCaMaL has been successfully convened multiple times. Some of the earlier editions were organized primarily as high-level academic events without paper submissions.

The subsequent conferences held in Wuhan and Hong Kong introduced a paper track and achieved impressive academic outcomes. All accepted papers from these two editions have been indexed by EI Compendex. Moreover, several outstanding contributions were recommended for publication in reputable special issues.

Call for Special Sessions/ Workshop

Interested attendees are encouraged to propose special sessions/workshops, each of which consists of five papers providing a focused discussion of new or innovative topics. Each proposal must include the session/workshop title, description, organizers and affiliations. Proposals should be sent to icamal.2026@gmail.com.

Contact Email for Inquires

Email: icamal.2026@gmail.com

Special session papers will undergo the same intense review process and submission is not a guarantee for acceptance. Special session papers must be clearly indicated when submitted with a copy sent to the designated special session organizer.

Paper Submission & Publication

Complete manuscripts must be electronically submitted through the conference submission website: <https://www.icamal2026.com/>.

Submitted manuscripts should be within six (6) pages, including figures, tables, and references. All submissions MUST be in PDF format.

Accepted papers will be included into the conference proceedings according to the presentation and the authors' choice, which will be published to the third party publisher and would be indexed by EI (Compendex), etc. Authors of selected qualified papers will be invited to submit revised and expanded version of their papers to special issues of international journals (SCI), such as **IEEE T-ITS**, **T-ASE**, **FSMJ**.

Important Dates

March 31, 2026

April 15, 2026

May 15, 2026

June 15, 2026

August 12-14, 2026

Regular paper submission due

Special session paper submission due

Notification of acceptance

Camera-ready copy due

Conference