

LOGMS 2026 Call for Papers

14th International Conference on Logistics and Maritime Systems

JOINTLY ORGANIZED WITH
2ND EURO MINI CONFERENCE ON MARITIME OPTIMIZATION AND LOGISTICS (EUROMAR 2026)

Date	July 8th-10th, 2026
Venue	Universitat Pompeu Fabra, Barcelona, Spain

Theme: Networks, Energy and Intelligence: Designing the Next Generation of Maritime Logistics

Call for Papers

LOGMS provides a platform for establishing international networks among researchers and practitioners in logistics and maritime systems. The LOGMS conference is a meeting among maritime logistics and systems experts to share research methodologies and results with each other and explore future development directions. We hope that all people in this area are able to acquire useful information from this event and contribute to improving this platform.

A **pre-conference** hands-on tutorial will be organized on **7th July 2026**, targeting PhD students and early-career researchers. A practical one-day training on a contemporary methodology (e.g., Reinforcement learning, bi-level optimization) with a clear application in logistics will be provided.

Aim and Scope

The logistics and maritime industry is more and more driven by AI-enabled optimization and analytics, harnessing the vast amount of data generated everywhere in supply chains, including real-time data from IoT devices. This trend raises numerous research inquiries spanning areas like the operational management of autonomous vessels and transport equipment, gaining deeper insights into markets through the analysis of demand and price data, exploring new forms of collaboration, evaluating environmental impacts of systems and actors, and many more. Emerging innovations and smart technologies hold the potential to empower various stakeholders within the logistics and maritime sector, enabling them to

make informed decisions, achieve heightened levels of performance, enhance sustainability, and ultimately bolster their competitive edge.

The organizers of LOGMS 2026 cordially invite you to submit your paper to this conference to join an open academic discussion on related topics. All papers related to theoretical developments and practical applications of logistics and maritime systems are welcome. We especially welcome application case studies from industries. Relevant topics include, but are not limited to:

- **Network Planning and Design**
 - Maritime Network Design
 - Logistics Network Design
 - Port Planning and Design
 - Shipping Route Planning
 - Channel Design
 - Terminal Layout
 - Shipping and Ports Development
 - Reverse Logistics
- **Maritime Policy and Economics**
 - Maritime Policy Development and Analysis
 - Economic Impact of International Maritime Policy
 - Port Economics
 - Revenue Management
 - Impact of Strategic Alliances
- **Supply Chain Design and Management**
 - Shipping & Transportation in Supply Chains
 - Supply Chain Modeling and Management
 - Business Processes Innovation for Logistics
 - Carbon-neutral Supply Chains
 - Supply Chain Network Optimization
- **Multimodal Transportation**
 - Air Transportation
 - Rail Transportation
 - Maritime Transportation
 - Inter-modal Transportation
 - Multi-modal Terminals and Transportation
 - Port Collection and Distribution
- **Terminal Operations**
 - Port Operations and Operations Planning
 - Berth Allocation
 - Yard Planning and Operations
 - Container Allocation and Repositioning
 - Port Process Analytics
 - Advanced Planning & Scheduling
 - Production/Distribution Planning
 - Inventory Planning
 - Vehicle Routing & Scheduling
 - Warehouse Management
- **Energy Control and Management**
 - Green Logistics
 - Ship Energy Management
 - Port Energy Management
 - Renewable Energy

- Microgrid Design and Operations
- Carbon Footprint
- Carbon Emission Reduction
- Energy Efficiency Index System
- Waste Heat Recovery System
- Energy Cost Management
- **Intelligent Technologies and Systems**
 - Port Simulation
 - Port Automation
 - Optimization and Metaheuristics
 - Cargo and Container Tracking Systems
 - Information Technology in Logistics
 - Wireless Communications for Ports
 - Positioning/Locating RTLS and GPS
 - Unmanned Autonomous Moving Vehicles
 - Autonomous Vessel Operations
 - Automated Equipment in Logistics
 - AI for Ports and Maritime Logistics
 - Big Data Analytics in Maritime Systems
 - IoT for Enhancing Port Operations
 - Digital Twins for Maritime Logistics and Ports
 - AI-based Logistics Optimization

Important Dates

- Deadline Submission of Abstracts: March 1, 2026
- Deadline Notification of Acceptance: March 13, 2026
- Deadline Submission Camera-Ready Abstracts: March 27, 2026
- Full Paper Submission: April 3, 2026
- Deadline Notification of Acceptance Full Paper: April 20, 2026
- Deadline Submission Camera-Ready Full Papers: April 30, 2026
- Deadline Author Registration Early Bird: May 1, 2026
- Final Deadline Author Registration: May 29, 2026

Selected papers and presentations will be invited to submit an extended version to special issues of 3 SCIE (or SSCI) journals.

Instructions for Submission

Refer to the submission guideline on <http://eventum.upf.edu/go/logms2026> for more details.

Contact

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