Call For Papers

The 22nd European Conference on Multi-Agent Systems

September 3-5, 2025

POLITEHNICA Bucharest, Romania

About

The 22nd European Conference on Multi-Agent Systems (EUMAS 2025) will be organized on September 3-5, 2025 by the Faculty of Automatic Control and Computers at the National University of Science and Technology POLITEHNICA of Bucharest

EUMAS 2025 is an EURAMAS designated event which follows the tradition of previous editions (Oxford 2003, Barcelona 2004, Brussels 2005, Lisbon 2006, Hammamet 2007, Bath 2008, Agia Napa 2009, Paris 2010, Maastricht 2011, Dublin 2012, Toulouse 2013, Prague 2014, Athens 2015, Valencia 2016, Evry 2017, Bergen 2018, Thessaloniki 2020, Israel (online) 2021, Düsseldorf 2022, Naples 2023, Dublin 2024), and aims to encourage and support activity in the research and development of multi-agent systems, in academic and industrial effort.

The conference aspires to be the primary European forum for researchers interested in the **theory and practice of autonomous agents and multi-agent systems**.
EUMAS enables researchers to meet, present challenges, preliminary and mature research results in an open environment.

EUMAS 2025 features formal proceedings published as part of the Lecture Notes in Computer Science (LNCS) series of Springer. The best paper will be invited for fast-track publication of an extended version in the Autonomous Agents and Multi-Agent Systems Journal (JAAMAS).

Call for Papers

EUMAS 2025 welcomes original, unpublished papers including improved versions of extended abstracts or rejected papers from AAMAS, AAAI and IJCAI 2025. The submission should describe work that has not been previously published, accepted for publication, nor is currently under review by another conference or journal.

All submissions will be peer-reviewed in a single blind fashion. Submission length depends upon the track that you submit to. Additional pages may be used for references and, if needed, a clearly marked appendix. It should be formatted according to Springer's LNCS format. For templates and instructions for authors, see Conference proceedings guidelines. Authors must submit their papers through the EUMAS 2025 submission site as a single PDF file.

This year, EUMAS is accepting submissions across the following tracks:

Main Track (15 pages + references)

Topics of interest include, but are not limited to:

Engineering Multi Agent Systems			
Agent Architectures	Agent Programming Languages	Agent Development Methodologies and Tools	Agent-oriented Software Engineering
Action and Planning	Biologically inspired approaches	Semantic Web Agents	Socio-technical Systems
Coordination, Organizations, Institutions, Norms and Ethics			
Agent Organizations and Institutions	Communication, Cooperation, and Coordination	Collective Intentionality	Trust and Reputation
Negotiation	Computational Social Choice	Ethical behavior of multi-agent systems	Electronic Commerce
Argumentation	Applications of Multi-agent Systems	Automated negotiation	Economic Models
Game-Theoretic Methods	Self-organization	Voting and Judgment Aggregation Models	Theories of Agency
Multi-Agent Based Simulation			
Agent-Based Simulations and Modeling	Agents and Complex Systems	Social Networks	
Knowledge Representation, Reasoning and Verification for MAS			
Logics for Multi-Agent Systems	Logics for Strategic Reasoning	Verification	Formal Modelling
Learning in Multi-Agent Systems			

Adaptation and Learning	Cognitive Models	Deep Reinforcement Learning in Multi-Agent Domains	Use of Machine Learning in Agents and Multi-Agent Systems
Explainable MAS			
Multi-agent architectures for XAI	Explainable planning	Explainable negotiation protocols and strategies	Explainable user/agent profiling
MAS for robotic systems and control			
Machine Learning for Multi-Agent Systems	Multi-Robot Systems	Collective and Swarm Intelligence	
Human-Centric MAS			
Human-Agent Interaction	Virtual Agents	LLM powered AI Agents	

Agent Toolkits (15 pages + reference)

This track aims to provide a forum for researchers that are involved in developing agent / MAS toolkits and platforms, or that are using them for the development of applications, to exchange ideas, make proposals, suggest challenges, reports interesting use cases and so on - any aspect that could be of interest in the engineering and using Agent Toolkits.

Demonstrators (5 pages + references)

This track aims to provide opportunities for participants from academia and industry to present their latest developments in agent-based systems. Demonstrations of interest include both applications of multi-agent systems and tools that support developers in the specification, design, implementation and testing of agent systems.

Important dates

- Paper Submission Deadline: 16 May 2025 (AoE, UTC-12)

- Author Notification: 30 June 2025 (AoE, UTC-12)

- Camera Ready Papers: 18 July 2025 (AoE, UTC-12)

- EUMAS Conference: 3-5 September 2025

Venue

The EUMAS 2025 conference is scheduled to be held in Bucharest, Romania's largest city and the capital. Known for its wide, tree-lined boulevards, glorious Belle Epoque buildings, and a reputation for the high life (which in the 1900s earned its nickname of "Little Paris"), Bucharest is today a bustling metropolis.

The venue of EUMAS 2025 is the [Faculty of Automatic Control and Computers](#), [National University of Science and Technology POLITEHNICA of Bucharest](#), 313 Splaiul Independentei, Bucharest, Romania. The location of the building hosting the EUMAS 2025 conference is marked on the **[map](#)**.