

Welcome Message from the Chairs

Welcome to AAMAS-2026, the 25th edition of the International Conference on Autonomous Agents and Multiagent Systems!

AAMAS is the largest and most influential conference in the area of agents and multiagent systems, bringing together researchers and practitioners in all areas of agent technology and providing an internationally renowned high-profile forum for publishing and learning about the latest developments in the field. AAMAS is the flagship conference of the non-profit International Foundation for Autonomous Agents and Multiagent Systems (IFAAMAS).

Twenty-five years ago, AAMAS was established through the merger of three highly respected conferences – AGENTS (International Conference on Autonomous Agents), ICMAS (International Conference on Multi-Agent Systems), and ATAL (International Workshop on Agent Theories, Architectures, and Languages) – bringing together the autonomous agents and multiagent systems research community under a single, high-profile international forum. The aim was to unite and advance research in the theory and practice of autonomous agents: software capable of acting on behalf of humans, perceiving their environments, making decisions, and collaborating within complex multiagent societies. As we mark the 25th anniversary milestone, with this 2026 edition, the world around us has caught up with - and in many ways validated - the importance of agents. The remarkable emergence of generative AI and Large Language Models has brought the concept of autonomous agents to the forefront of the global technology landscape, with “Agentic AI” now a much talked about term. In recognition of this, we have introduced a dedicated new topic area this year - Generative and Agentic AI (GAAI).

We are happy that the 2026 edition of AAMAS will be hosted in Paphos, Cyprus. Previous editions were held in Bologna (2002), Melbourne (2003), New York (2004), Utrecht (2005), Hakodate (2006), Honolulu (2007), Estoril (2008), Budapest (2009), Toronto (2010), Taipei (2011), Valencia (2012), Saint Paul (2013), Paris (2014), Istanbul (2015), Singapore (2016), São Paulo (2017), Stockholm (2018), Montréal (2019), Auckland/online (2020), London/online (2021), Auckland/online (2022), London (2023), Auckland (2024), and Detroit (2025).

The main track of the conference includes peer-reviewed technical papers describing significant and original research on all aspects of the theory and practice of autonomous agents and multiagent systems, divided into the following areas of interest:

- Learning and Adaptation (LEARN)
- Generative and Agentic AI (GAAI)
- Game Theory and Economic Paradigms (GTEP)
- Coordination, Organizations, Institutions, Norms, and Ethics (COINE)
- Search, Optimization, Planning, and Scheduling (SOPS)
- Representation and Reasoning (RR)
- Engineering and Analysis of Multiagent Systems (EMAS)
- Modeling and Simulation of Societies (SIM)
- Human-Agent Interaction (HAI)
- Robotics and Control (ROBOT)
- Innovative Applications (IA)

As in previous years, we worked with a three-tier program committee, consisting of 46 area chairs, 113 senior program committee members, and over 800 regular program committee members. Their work was supported by a substantial number of auxiliary reviewers. When composing the committee, we followed the tradition of AAMAS of not having anyone serve in a senior programme committee or area chair role for more than two years in a row, and we were pleased to see that many senior colleagues accepted our invitation to serve as regular programme committee members.

For the main track, we received a total of 1842 abstract submissions. Some didn’t materialize while a number of others were desk-rejected (mostly due to anonymity violations and similar infringements of the rules laid down in the Call for Papers). The program committee then reviewed the remaining 1359 submissions. Almost all submissions received at least three reviews, as well as a meta-review summarizing the assessment of the program committee. Authors had the opportunity to respond to initial versions of their reviews during a rebuttal phase.

The program committee accepted 338 submissions as full papers and a further 193 as extended abstracts, resulting in an acceptance rate of 25.5% for full papers and an overall acceptance rate of around 40%. Most of these contributions are included in this volume of proceedings (excluding papers that were later withdrawn by their authors). The submission numbers (N), acceptance rates for full papers (FP), and overall acceptance rates (FP+EA) per area of interest are as follows:¹

	N	FP	FP+EA
LEARN	385	18%	28%
GAAI	191	18%	31%
GTEP	285	24%	38%
COINE	53	25%	38%
SOPS	158	28%	41%
RR	97	29%	43%
EMAS	110	22%	34%
SIM	77	26%	36%
HAI	59	14%	27%
ROBOT	74	20%	35%
IA	52	27%	38%

In addition to the main track, the conference has four special tracks—the Blue Sky Ideas track, the JAAMAS track, AAAI track, and the Demonstration track, as well as a Doctoral Consortium.

The focus of the Blue Sky Ideas track, which this year is chaired by Ann Nowé and Michael Winikoff, is on visionary ideas, long-term challenges, new research opportunities, and controversial debate.

The JAAMAS track, chaired by Kate Larson and Toshiharu Sugawara, offers authors of papers recently published in the Journal of Autonomous Agents and Multiagent Systems (JAAMAS) that have not previously appeared as full papers in an archival conference the opportunity to present their work at AAMAS.

The AAAI track provided authors of high quality papers related to AAMAS topics, that didn’t make it into the AAAI 2025 conference,

¹These are approximate, as at the time of this analysis a number of papers had already been withdrawn by the authors during or after the review cycle.

a fast track for reviewing at AAMAS. This track was chaired by Bo An.

The Demonstrations and Competitions track, chaired by Fei Fang and Nardine Osman, allows participants from both academia and industry to showcase their latest developments in agent-based and robotic systems.

Finally, the Doctoral Consortium, chaired by Reyhan Aydođan and Pradeep Murukannaiah, provides doctoral candidates with an opportunity to receive feedback on their research, to interact closely with senior figures in their own area of specialization, and to broaden their professional network.

The accepted contributions for all of these tracks are included in these proceedings as well: 17 accepted papers out of 129 submissions to the Blue Sky Ideas track; extended abstracts of 3 recent papers published in JAAMAS; 19 papers accepted out of 37 submissions in the AAAI track; 44 accepted summaries out of 67 submissions to the Demonstration track; and 34 accepted summaries to the Doctoral Consortium.

The first two days of the conference, 25-26 May, will consist of a variety of satellite workshops, tutorials, competitions, and the Doctoral Consortium.

The main conference runs from May 27. During this time the authors of contributions to the main track, the Blue Sky Ideas track, the JAAMAS track, the AAAI Track, and the Demonstration track will present their work. We furthermore are looking forward to a panel session celebrating 25 years of AAMAS as well as keynote addresses by Joanna Bryson, Sabine Hauert and Mike Wooldridge, and

the winner's of this year's recipient of the ACM/SIGAI Autonomous Agents Research Award, Sven Koenig, and the 2025 Victor Lesser Dissertation Award, Tonghan Wang.

The conference will also feature a social event, a series of informal discussion sessions organized around specific topics, and the annual IFAAMAS Community Meeting. Let us conclude these introductory words with a heartfelt expression of gratitude to all those who played a role in the success of this conference. We extend our thanks to all those who submitted their work for review, as well as those who will present their work at the conference. A special acknowledgment is owed to the dedicated members of the program committee, the additional reviewers, the organizers of the satellite workshops, and the tutorial presenters. We also want to express our appreciation to the organizing committee, for their efforts to bring AAMAS to Cyprus. Lastly, we extend our sincere thanks to all the sponsors of the conference for their contribution to the success of AAMAS.

We wish you a great conference and are looking forward to meeting everyone in Cyprus!

Chris Amato & Louise Dennis
AAMAS-2026 Program Chairs

Viviana Mascardi & John Thangarajah
AAMAS-2026 General Chairs