IFAAMAS Board Statement

Munyque Mittelmann
munyque.mittelmann@cnrs.fr

Short Bio

Munyque Mittelmann is a research scientist (*Chargée de Recherche*) at the French National Center for Scientific Research (CNRS), affiliated with the Northern Paris Computer Science Lab at Sorbonne Paris North University. She received her PhD in Computer Science in 2022 from the University Toulouse Capitole (France), under Laurent Perrussel's supervision. She was also a postdoctoral researcher supervised by Aniello Murano at the University of Naples Federico II and the Principal Investigator of her Marie Skłodowska-Curie research project. In 2023, she received the best thesis award from the French Association for Artificial Intelligence (AFIA) and the Early career award from the KR conference.

She has authored papers published in international conferences such as AAMAS, AAAI, IJCAI, KR as well as in JAAMAS and AIJ. Her work centers on logics and formal methods for strategic reasoning, modeling, and verification in Multi-Agent Systems. It has an interdisciplinary dimension, drawing on questions from Algorithmic Game Theory and Economics. Her contributions involve developing logic-based formalisms for modeling strategic interactions, as well as formally analyzing these logics with respect to computational properties, such as model checking, synthesis, and expressiveness.

Service to AAMAS and Related AI Communities

Munyque has been an active member in the AAMAS community and, more broadly, in several AI communities since the beginning of her PhD. She is currently co-chair of the KR 2026 Doctoral Consortium and the executive guest editor of a special issue on Logics for Multi-Agent Systems for the journal Information and Computation. She previously co-chaired the LAMAS&SR 2024 workshop and the SPIRIT workshop at the conference AIxIA 2024, contributed to the local organization of CSL 2024 and EUMAS 2023, and co-organized the PhD Day at EUMAS 2023. She also served as a Program Committee member of several international conferences, including AAMAS (2026, 2025, 2024), AAAI (2026, 2025, 2024, 2023), IJCAI (2025, 2024) and KR (2025, 2024, 2023). Moreover, she has engaged in communication activities for both academic and non-academic audiences, such as leading an atelier at the European Researchers' Night (2024) in Toulouse, giving tutorials (KR 2024, KR 2023, AAMAS 2023, AAMAS 2025), and teaching a course at the ESSAI & ACAI 2024 summer school. She also delivered an invited talk at the conference PFIA 2023.

Goals

I am motivated to serve on the IFAAMAS Board of Directors to strengthen the position and quality of the AAMAS conference and to support the growth of the research community. If I am elected, some issues I would like to work on are:

- **Refine the policy on generative AI-assisted technologies for writing and reviewing submissions:** I believe AAMAS should establish clear and practical guidelines to ensure these tools are used preserving data privacy and ensuring scientific integrity. This includes promoting transparency in the use of generative AI and supporting the community with best practices.
- **Strengthening research diversity and bridge communities:** AAMAS should preserve its multidisciplinary character while fostering stronger connections both within the community and between AAMAS and adjacent research fields, encouraging collaboration between subareas and creating opportunities for dialogue with other AI communities.
- **Improving conference accessibility:** I will advocate the use of scholarships or lower registration fees to improve participation of academics from underrepresented regions as well as students. I also support offering hybrid-access options for attendees and the broader community, including making recorded keynote talks publicly available, enabling wider dissemination.