

**AI<sup>3</sup> 2025**  
**Workshop on Advances in Argumentation in**  
**Artificial Intelligence.**

Proceedings of the 9th Workshop on  
Advances in Argumentation in Artificial Intelligence  
(AI<sup>3</sup> 2025)

Co-located with ICLP 2025  
Rende, Italy, 13 September 2025

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## PREFACE

This volume contains the papers presented at the 9th Workshop on Advances in Argumentation in Artificial Intelligence (AI<sup>3</sup> 2025), held in Rende, Italy, on 13 September 2025. AI<sup>3</sup> 2025 was the 9th edition of the Workshop on Advances in Argumentation in Artificial Intelligence series, a venue that provides opportunities for stakeholders from the academia and industry to present their latest developments in argumentation theory. The goal of the workshop is to stimulate discussions and promote scientific collaboration among researchers not only directly involved in argumentation, but also from research fields indirectly related to argumentation including non-monotonic reasoning, logic programming, linguistics, natural language processing, philosophy and psychology, just to mention a few of them.

The workshop was co-located with the 41st International Conference on Logic Programming, the premier international event for presenting research in logic programming. ICLP 2025 took place in Rende, from 12 to 19 September 2025.

We received 10 submissions out of which 4 papers were accepted as regular papers, and 5 as short papers. AI<sup>3</sup> 2025 offered an interesting and diverse program, which in addition to the technical papers, included an invited talk by Emanuele De Angelis (IASI-CNR, Rome, Italy) on “Learning and Contesting Assumption-based Argumentation Frameworks”.

We are very grateful to the Program Committee for their invaluable efforts in providing helpful and informative reviews for all submissions in a timely fashion.

*September 2025*

*Mario Alviano, Bettina Fazzinga*

## ORGANISATION

We list below the people who contributed to the organization of the AI<sup>3</sup> 2025 workshop.

### Program Chairs

- Mario Alviano, University of Calabria, Italy
- Bettina Fazzinga, University of Calabria, Italy

### Publicity Chair

- Manuel Alejandro Borroto Santana, University of Calabria, Italy

### Program Committee

- Gianvincenzo Alfano (University of Calabria)
- Pietro Baroni (University of Brescia)
- Stefano Bistarelli (University of Perugia)
- Sergio Flesca (DIMES - UNICAL)
- Massimiliano Giacomini (University of Brescia)
- Daniele Porello (University of Genoa)
- Carlo Proietti (CNR, ILC)
- Francesco Santini (University of Perugia)
- Carlo Taticchi (University of Perugia)
- Alice Toniolo (University of St Andrews)
- Paolo Torroni (University of Bologna)
- Mauro Vallati (University of Huddersfield)

**Declaration on Generative AI.** The authors of this preface have not employed any Generative AI tools.