

AI³ 2024
**Workshop on Advances in Argumentation in
Artificial Intelligence.**

Proceedings of the 8th Workshop on
Advances in Argumentation in Artificial Intelligence
(AI³ 2024)
Co-located with AIxIA 2024
Bolzano, Italy, 28 November 2024

Edited by
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PREFACE

This volume contains the papers presented at the 8th Workshop on Advances in Argumentation in Artificial Intelligence (AI³ 2024), held in Bolzano, Italy, on November 28th 2024. AI³ 2024 was the 8th edition of the Workshop on Advances in Argumentation in Artificial Intelligence series, a venue that provides opportunities for stakeholders from academia and industry to present their recent work in argumentation theory. The goal of the workshop is to stimulate discussions and promote scientific collaboration among researchers in computational argumentation and related fields, including non-monotonic reasoning, logic programming, linguistics, natural language processing, philosophy and psychology, just to mention a few.

The workshop was co-located with the 23rd International Conference of the Italian Association for Artificial Intelligence, the yearly AI conference of researchers, students, and industry professionals dealing with various aspects of AI in Italy. AIxIA 2024 took place in Bolzano, from 25 to 29 November 2024.

AI³ 2024 was held in presence. We received 10 submissions out of which 5 papers were accepted as regular papers, and 4 as short papers and/or extended abstracts of project presentation. AI³ 2024 offered an interesting and diverse program, which in addition to the technical papers, included an invited talk by Marco Guerini (FBK, Trento) on “NLP for CounterSpeech - Trends and Open Challenges”.

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. Finally, special thanks go to Gianvincenzo Alfano (University of Calabria) and Stefano Ferilli (University of Bari) for their support during the organisation of the event, and to the General and Local Chairs of AIxIA 2024, for their engagement in the local organisation and constant support during the co-location.

November 2024

Carlo Proietti, Carlo Taticchi



ORGANISATION

We list below the people who contributed to the organization of the AI³ 2024 workshop.

Program Chairs

- Carlo Proietti, Institute for Computational Linguistics “A. Zampolli”, National Research Council of Italy, Italy
- Carlo Taticchi, Department of Mathematics and Computer Science, University of Perugia, Italy

Program Committee

- Gianvincenzo Alfano (University of Calabria)
- Pietro Baroni (University of Brescia)
- Stefano Bistarelli (University of Perugia)
- Bettina Fazzinga (University of Calabria)
- Stefano Ferilli (University of Bari)
- Sergio Flesca (University of Calabria)
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- Alice Toniolo (University of St. Andrews)
- Paolo Torroni (University of Bologna)
- Mauro Vallati (University of Huddersfield)