Preface to the Proceedings of BEWARE-24

The **third edition of the BEWARE workshop** (https://sites.google.com/view/beware2024), was held in Bolzano, Italy, on November 26, 2024, as part of the programme of the 23rd International Conference of the Italian Association for Artificial Intelligence (AIXIA 2024). The workshop focused on the emerging ethical aspects of AI, particularly addressing Bias, Trust, Risk, Explainability, and the role of Logic and Logic Programming in this area of research. The event brought together a diverse community of researchers and practitioners to discuss and explore solutions for ethical decision-making in AI that users and stakeholders consider technologically reliable and socially acceptable.

This year, the workshop enjoyed strong participation, with 12 accepted high-quality submissions, 7 as regular papers and 5 as short papers (out of a total of 16 submitted papers), thoroughly peer-reviewed by our Program Committee members:

We extend our sincere thanks to all participants and the Program Committee for their exceptional efforts in making BEWARE 2024 a successful and enriching event:

- Damiano Azzolini, University of Ferrara
- Paolo Baldi, University of Salento
- Daniele Chiffi, Politecnico di Milano
- Greta Coraglia, University of Milan
- Stefania Costantini, Università degli Studi dell'Aquila
- Fabio Aurelio D'Asaro, University of Verona
- Giovanni De Gasperis, Università degli Studi dell'Aquila
- · Abeer Dyoub, University of Bari
- · Rino Falcone, CNR
- Roberta Ferrario, CNR
- Mattia Fumagalli, University of Bozen-Bolzano
- Chiara Gallese, University of Turin
- Ekaterina Kubyshkina, Université Paris 1
- Francesca A. Lisi, University of Bari
- Chiara Manganini, University of Milan
- Ludovica Marinucci, University of Salerno
- · Davide Posillipo, Alkemy
- Giuseppe Primiero, University of Milan
- Giovanni Sartor, EUI/CIRSFID
- · Viola Schiaffonati, Politecnico di Milano

We extend our sincere thanks to the Program Committee, to the authors and to all the participants for their exceptional efforts in making BEWARE 2024 a successful and enriching event. Also, we would like to acknowledge the collaboration with the FAIR foundation (https://future-ai-research.it) and the contribution of the BRIO project (Bias, RIsk and Opacity in AI, MUR PRIN Project 020SSKZ7R), the AI Aware project, and the SIpEIA organization, to make the BEWARE-2024 workshop a success. The event benefited immensely from the co-operation with these esteemed organizations. Their commitment

3rd Workshop on Bias, Ethical AI, Explainability and the Role of Logic and Logic Programming (BEWARE24), co-located with AIxIA 2024, November 26, 2024, Bolzano, Italy





to advancing the field of ethical AI has been instrumental in enhancing the depth of discussions and outcomes of this year's workshop.

Overall, the dedication and expertise of everyone involved have been pivotal in advancing our understanding of ethical AI. We look forward to continuing this important dialogue in the next edition of BEWARE, where we hope to explore these essential topics even more deeply.

Bari, December 2024

The Organizers,

Greta Coraglia Fabio Aurelio D'Asaro Abeer Dyoub Francesca Alessandra Lisi Giuseppe Primiero