

Preface

This volume contains the proceedings of the 1st International Workshop “[Mind the AI-GAP: Co-Designing Socio-Technical Systems](#)” (AI-GAP 2025), [hosted by the 4th International Conference Series on Hybrid Human-Artificial Intelligence \(HHAI 2025\) in Pisa, Italy](#). The AI-GAP 2025 workshop aims to critically address unwanted bias and discrimination in AI technologies by proactively integrating fairness and inclusivity within the design process, fostering social and structural change.

The workshop welcomed four types of contributions: archival research papers, archival extended abstracts, research communications, and non-archival extended abstracts. AI-GAP 2025 received a total of 11 submissions, 8 of which were fully novel archival papers. Following the review process, 7 submissions were accepted, resulting in an acceptance rate of 87.5%. All accepted submissions were presented as posters or oral talks.

The contributions range from participatory design approaches in AI, analyses of social and ethical implications, to methods for mitigating bias in large language models and health technologies. In addition to the technical program, we were honoured to host two keynote speakers: Stefano Capezzuto (“AI in the Museum: A Participatory Approach to Customized Accessibility”) and Alberto Guerra (“SOS: Critical Use of Technologies”). The workshop also included a hands-on session led by Miriam Felici, providing attendees with practical experience in inclusive AI design practices.

We sincerely thank all the people and institutions that contributed to the success of the workshop: the authors of the submitted papers for their interest in the topic; the Programme Committee members for their valuable feedback and insightful comments; the HHAI organizers for their support. Finally, we thank our sponsors, [SoBigData.it](#) and the [Gran Sasso Science Institute](#), for their financial and management support.

We hope you enjoy reading the papers and are looking forward to a fruitful and enriching workshop.

Workshop Organizers

- Costanza Alfieri, Università dell’Aquila
- Eleonora Cappuccio, Consiglio Nazionale delle Ricerche
- Donatella Donati, Università dell’Aquila
- Miriam Felici, Digital Product Designer
- Marta Marchiori Manerba, Università di Pisa
- Benedetta Muscato, Scuola Normale Superiore
- Clara Punzi, Scuola Normale Superiore
- Beatrice Savoldi, Fondazione Bruno Kessler

Program Committee

- Selenia Anastasi, Sapienza Università di Roma

- Isacco Beretta, Università di Pisa
- Tommaso Caselli, University of Groningen
- Silvia Casola, University of Munich
- Gianluca De Ninno, Gran Sasso Science Institute
- Donatella Donati, Università degli Studi dell'Aquila
- Alessandra Facchin, Politecnico di Milano
- Fabio Fossa, Politecnico di Milano
- Manuel Lardelli, Institute of Translation Studies in Graz
- Daphne Lenders, Scuola Normale Superiore
- Yue Li, University of Sheffield
- Beatrice Melis, Gran Sasso Science Institute
- Alessio Miaschi, Consiglio Nazionale delle Ricerche
- Lucia Passaro, Università di Pisa
- Andrea Pugnana, Fondazione Bruno Kessler
- Alan Ramponi, Fondazione Bruno Kessler
- Laura State, Alexander von Humboldt Institut für Internet und Gesellschaft
- Tommaso Turchi, Università di Pisa
- Giacomo Zanotti, Politecnico di Milano