Preface

Luca Longo

[1] *Artificial Intelligence and Cognitive Load Research Lab, The Applied Intelligence Research Centre, School of Computer Science, Technological University Dublin, Dublin, D07 EWV4, Ireland*

The 1st World Conference on eXplainable Artificial Intelligence (xAI-2023) was held from Wednesday, 26th to Friday, 28th of July 2023. On the second day of the conference, we had the pleasure of hosting the Late Breaking work, Demos and the Doctoral Consortium tracks.

The Late-Breaking work track provided a unique opportunity to share valuable ideas, elicit helpful feedback on early-stage work, and foster discussions and collaborations among colleagues. Late-breaking results are research-in-progress that contain original and unpublished accounts of innovative research ideas, preliminary results, industry showcases, and system prototypes, addressing the theory and practice of eXplainable Artificial Intelligence (XAI). In addition, it included recently started research projects or syntheses. Overall, 25 late-breaking manuscripts were accepted and presented via posters.

The Demo track showcased research prototypes or commercially available products. Demo submissions were based on an implemented and tested xAI-based system that pursues one or more innovative ideas in the interest areas of the conference. Demonstrations are an exciting way to showcase implementations of xAI-based systems and to get valuable feedback from the community. Overall, four demos were presented with a dedicated stand at the conference.

The Doctoral Consortium track organised within the conference allowed doctoral scholars to explore and develop their research interests under the guidance of distinguished scholars from the field of xAI. This forum provided PhD scholars with an opportunity to present and discuss their research ideas with experienced scholars in a supportive, formative, and critical environment. It also supported the exploration and development of their research interests under the guidance of distinguished scholars who provided constructive feedback and advice. Eventually, the DC provided a mechanism to network and build collaborations with other community members and explore career pathways available after completing their PhD degree. Overall, 11 doctoral consortium proposals were accepted and discussed at the conference.

Acknowledgments

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[1]https://xaiworldconference.com/2023