

## Preface – AIC 2022

We are delighted to present the proceedings of the 8th International Workshop on Artificial Intelligence and Cognition (AIC 2022), held jointly with SweCog 2022, the conference of the Swedish Cognitive Science Society, at Örebro University in Sweden from June 15-17, 2022. This year, AIC 2022 had a special focus on *Human-Centred AI*, and we are pleased to announce that we received 37 submissions, out of which 21 papers were accepted after a rigorous peer-review process by our Program Committee. The accepted papers comprise 8 full research papers and 13 short research papers.

The AIC workshop series was launched in 2013 to promote interdisciplinary collaboration among researchers at the intersection of cognitive science and artificial intelligence. The AIC 2022 workshop aimed to bring together researchers from different domains to present and discuss their research on cognitively inspired artificial systems.

The accepted papers for AIC 2022 covered a wide range of topics related to *human-centred AI*, including cognitive architectures, human-machine interaction, embodied AI, and social issues. These themes highlight the importance of designing AI systems that are attentive to the needs and perspectives of their human users and can enhance our abilities, rather than replace them. The papers presented at AIC 2022 demonstrate the effort to bridge the gap between AI and human cognition and developing more human-centred AI systems.

We would like to thank the participants of the workshop, the keynote speakers, and the program committee members for their contributions to the success of AIC 2022. We hope that the proceedings will provide insightful contributions and stimulate further research in the interdisciplinary field of cognitively inspired artificial systems.

AIC 2022 Workshop Chairs:

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