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Active Inference

5th International Workshop, IWAI 2024
Oxford, UK, September 9–11, 2024
Revised Selected Papers

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Preface

For the 5th International Workshop on Active Inference (IWAI), we gathered in Oxford, UK on September 9–11, 2024. Around 130 active inference researchers from academia and industry attended the workshop in the beautiful Corpus Christi College, with a three-day program packed with two tutorials, six keynotes, a poster session, and seven sessions of paper presentations.

This volume presents the 17 full papers that were accepted and presented at the workshop. Out of 54 submissions, 17 full papers were selected through a double-blind review process. These papers cover a wide range of domains that find applications of active inference, ranging from robotics, decision-making and control, psychology, and representation learning, to theoretical advancements of learning and inference as well as active inference implementations. We also selected 33 contributions to be presented as posters.

The IWAI 2024 organizers would like to thank the Program Committee for their valuable review work, all authors for their contributions, Charel van Hoof and Sanjeev Namjoshi for their excellent tutorials, Emma Holmes, Chris Buckley, Rafal Bogacz, Pablo Lanillos, Ingmar Posner and Karl Friston for their inspiring keynotes, and of course all the attendees. We would also like to thank our sponsor VERSES AI, which made this event possible.

Group picture taken at IWAI 2024, September 10, Oxford, UK



September 2024

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