

Preface

This volume contains the 11 papers accepted among the 29 submitted and presented as “position papers” at the 21st International Conference of the Italian Association for Artificial Intelligence, referred to for short as AIxIA, organized at the University of Udine (Italy) from November 28 to December 2, 2022.

AIxIA is very active in organizing scientific initiatives as well as events for the dissemination of Artificial Intelligence in industry, society, and schools. Among these activities, a scientific international conference has been organized every two years since 1991 and then yearly since 2015. The 2022 edition, the first after the organization inconveniences due to the Covid-19 pandemic disease, have been much appreciated by the community as witnessed by the number of participants (more than 350 people).

The conference had a main track, that included position paper presentations, and 17 co-located workshops and a doctoral consortium program for a total of more than 200 presentations. The conference program included two prestigious keynote speakers, namely: Subbarao Kambhampati (Arizona State University) and Georg Gottlob (University of Oxford), and three tutorials on hot research topics, by Ferdinando Fioretto (Syracuse University), Antonio Lieto (University of Turin), and Angelo Oddi, Riccardo Rasconi (CNR-ISTC, Rome), Marco Baiocchi (University of Perugia).

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We would like to express our gratitude to the workshops chairs: Andrea Formisano and Alberto Finzi, to the doctoral consortium chairs: Gabriella Cortellessa and Luca Di Gaspero, to the “industry session” chairs Giuseppe Serra and Fabio Mercorio, and last but not least, to the organizing committee, in particular Andrea Brunello and Nicola Saccomanno, who did a huge amount of high-quality work. Moreover, we thank the web master Nicola Gigante, our colleagues and friends Dario Della Monica and Gabriele Puppis, and all the PhD students for their help in the practical management of the conference. Finally, we thank the board of directors of the AIxIA for their constant support, the Rector of the University of Udine for the opportunity to organize the conference in the new building of the scientific library, and the technical staff of University of Udine (in particular, Renato Spoletti, Stefano Bonomi, and Ester Orlandi) for their precious work.

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