

DAO-XAI 2024
Data meets Applied Ontologies
in Explainable AI

Proceedings of the 4th International Workshop on
Data meets Applied Ontologies in Explainable AI
(DAO-XAI 2024)

Co-located with ECAI 2024

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PREFACE

This volume contains the papers presented at the 4th International Workshop on Data meets Applied Ontologies in Explainable AI (DAO-XAI 2024), held in Santiago de Compostela, Spain, on 19th of October, 2024.

DAO-XAI 2024 was the 4th edition of the Data meets Applied Ontologies series, a venue that provides opportunities for stakeholders from the academia, industry, and public organisations to present their latest developments in ontology-mediated data integration, data access and analysis techniques, and data-driven applications. This 4th edition of the workshop series was dedicated to the role played by knowledge representation, ontologies, and knowledge graphs in Explainable Artificial Intelligence, in particular, to build trustworthy and explainable decision support systems. Previous editions were held at JOWO 2017 and JOWO 2019, and DL 2021. The workshop was co-located with the 27th European Conference on Artificial Intelligence, ECAI 2024.

DAO-XAI 2024 offered an interesting and diverse program, which in addition to the technical papers, included two invited talks by Martina Mattioli (Ca' Foscari University of Venice, Italy) on “Understanding XAI Through the Philosopher’s Lens: A Historical Perspective” and by Mehul Bhatt (Örebro University, Sweden) on “Neurosymbolic Visual Commonsense”.

We are very grateful to the Program Committee for their invaluable efforts in providing helpful and informative reviews for all submissions in a timely fashion.

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ORGANISATION

We list below the people who contributed to the organization of the DAO-XAI 2024 workshop.

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