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Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 12175
Disciplina	006.3 006.30285436
Soggetti	Multiagent systems Artificial intelligence Database management Computer engineering Computer networks Social sciences - Data processing Multiagent Systems Artificial Intelligence Database Management System Computer Engineering and Networks Computer Application in Social and Behavioral Sciences
Lingua di pubblicazione	Inglese
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Nota di contenuto	Explainable Agents -- Agent-Based Explanations in AI: Towards an Abstract Framework -- Agent EXPRI: Licence to Explain -- In-time Explainability in Multi-Agent Systems: Challenges, Opportunities, and Roadmap -- Cross Disciplinary XAI -- Decision Theory Meets Explainable AI -- Towards the Role of Theory of Mind in Explanation -- A Situation Awareness-Based Framework for Design and Evaluation of Explainable AI -- Explainable Machine Learning -- Towards Demystifying Subliminal Persuasiveness - Using XAI-Techniques to

Highlight Persuasive Markers of Public Speeches -- Explainable Agents for Less Bias in Human-Agent Decision Making -- Demos -- Explainable Agents as Static Web Pages: A UAV Simulation Example.

Sommario/riassunto

This book constitutes the proceedings of the Second International Workshop on Explainable, Transparent Autonomous Agents and Multi-Agent Systems, EXTRAAMAS 2020, which was due to be held in Auckland, New Zealand, in May 2020. The conference was held virtually due to the COVID-19 pandemic. The 8 revised and extended papers were carefully selected from 20 submissions and are presented here with one demo paper. The papers are organized in the following topical sections: explainable agents; cross disciplinary XAI; explainable machine learning; demos.