

1. Record Nr.	UNINA9910349282003321
Titolo	Explainable, Transparent Autonomous Agents and Multi-Agent Systems : First International Workshop, EXTRAAMAS 2019, Montreal, QC, Canada, May 13–14, 2019, Revised Selected Papers // edited by Davide Calvaresi, Amro Najjar, Michael Schumacher, Kary Främling
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-30391-8
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (X, 221 p. 66 illus., 38 illus. in color.)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 11763
Disciplina	006.3 006.30285436
Soggetti	Multiagent systems Robotics Machine learning User interfaces (Computer systems) Human-computer interaction Computers, Special purpose Multiagent Systems Machine Learning User Interfaces and Human Computer Interaction Special Purpose and Application-Based Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Explanation and Transparency -- Towards a transparent deep ensemble method based on multiagent Argumentation -- Effects of Agents' Transparency on Teamwork -- Explainable Robots -- Explainable Multi-Agent Systems through Blockchain Technology Authors -- Explaining Sympathetic Actions of Rational Agents -- Conversational Interfaces for Explainable AI: A Human-Centered Approach -- Opening the Black Box -- Explanations of Black-Box Model Predictions by Contextual Importance and Utility -- Explainable Artificial Intelligence based Heat Recycler Fault Detection in Air Handling Unit -- Explainable Agent Simulations -- Explaining

Aggregate Behaviour in Cognitive Agent Simulations using Explanation  
-- BEN : An Agent Architecture for Explainable and Expressive Behavior  
in Social Simulation -- Planning and Argumentation -- Temporal  
Multiagent Plan Execution: Explaining what Happened -- Explainable  
Argumentation for Wellness Consultation -- Explainable AI and  
Cognitive Science -- How Cognitive Science Impacts AI and What We  
Can Learn From It.

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Sommario/riassunto

This book constitutes the proceedings of the First International Workshop on Explainable, Transparent Autonomous Agents and Multi-Agent Systems, EXTRAAMAS 2019, held in Montreal, Canada, in May 2019. The 12 revised and extended papers presented were carefully selected from 23 submissions. They are organized in topical sections on explanation and transparency; explainable robots; opening the black box; explainable agent simulations; planning and argumentation; explainable AI and cognitive science.

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