

Special Issue

Trusted Artificial Intelligence in Multi-Agent Systems

Message from the Guest Editor

Motivated by the advancing computational capacity of distributed end-user devices, as well as the increasing concerns about sharing private data, there has been considerable recent interest in machine learning (ML) and artificial intelligence (AI) algorithms that can be processed on multiple devices (agents). However, this new multi-agent AI paradigm raises new risks of privacy and security issues, because these distributed agents may not only collect personal and sensitive information, e.g., names and telephone numbers, but also monitor daily activities. Therefore, trustworthy AI in multi-agent systems has become an increasingly important and growing research interest worldwide.

This Special Issue calls for papers that explore and analyze potential threats in AI-based multi-agent systems, advanced attack mechanisms, and the possible defence methods against such threats. We hope to provide insights aiding the realization of trustworthy AI multi-agent systems.

Guest Editor

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Deadline for manuscript submissions

closed (15 July 2023)



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About the Journal

Message from the Editor-in-Chief

Future Internet is a fast-growing journal devoted to rapid publications of the latest results in the general areas of computer networking/communications and information systems, with a focus on the Internet of Things, big data and augmented intelligence, smart systems (in terms of technologies, architectures, and applications), network virtualization, edge/fog computing, and cybersecurity. Both theoretical and experimental papers are welcome. Every year, *Future Internet* also features Special Issues dedicated to specific topics within the journal's scope.

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