

Special Issue

Security and Privacy for Data Decentralized Marketplaces

Message from the Guest Editors

Data marketplaces are becoming increasingly popular as intermediaries that orchestrate connections between data providers and data consumers. The data market has been dominated mainly by commercial and privately-managed trading platforms with a centralized governance that decide on the rules, policies, etc. That centralized model puts current big players in a clear competitive advantage. The purpose of this Special Issue is to gather the latest advances in security and privacy in decentralized data marketplaces. In particular, the topics of interest include (but are not limited to): Decentralized marketplaces architectures Blockchain-based marketplaces Smart contracts Payment systems Monetization/tokenization Privacy Trust Federated authentication Privacy-enabled data storage solutions Auditing systems Data marketplaces for Industry 4.0 Digital rights management (DRM) and protection Disclosure control

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Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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