Security and Privacy for Data Decentralized Marketplaces

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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

Special Issue

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Message from the Editor-in-Chief

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