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Novel Approaches for Information Security in Complex Cyber-Physical Systems

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Message from the Guest Editors

In this Special Issue, we aim to gather as many perspectives as possible on the security aspects of complex cyberphysical systems operating in different verticals such as critical infrastructures, climate change monitoring, health and wellbeing, logistics, crisis and disaster management, and others. We welcome articles that contribute grand visions, research outcomes, theory development, implementation experiences, and prototype experiments and results. Key areas of this Special Issue include but are not limited to:

- Blockchain technology application in real life use cases:
- Novel techniques for user-centric data access control;
- Distributed information security solutions;
- Security and privacy frameworks for federated systems;
- Evidence or intent-based threat detection and mitigation:
- Trust management in federated solutions;
- Situational awareness control in critical environments:
- Fake news detection;
- Implementation experiences, challenges, and evidence of all the above:
- Simulation and experiment results of systems embracing novel security and privacy techniques.











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Message from the Editor-in-Chief

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