Securing Big Data Analytics for Cyber-Physical Systems

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Deadline for manuscript submissions:
closed (20 October 2023)

Message from the Guest Editors

This special issue aims at the state-of-the-art research efforts on secure data-driven analytics for CPS/IoT. The topics of interest include, but are not limited to:

- Reliability, consistency, robustness and security of AI in CPS/IoT
- IoT data analytics for anomaly detection
- Security management of IoT devices based on data knowledge
- Adversarial example attacks and defense in IoT Systems
- Threat modelling and risk assessment in IoT
- Security of blockchain and decentralized schemes for IoT
- Deep learning-based security solutions for intelligent CPS and IoT
- Secure and privacy-preserving CPS and IoT architectures
- Security analysis and enhancement in edge and IoT
- Privacy protection in edge computing assisted with evolving IoT
- Evaluation platforms and hardware-in-the-loop testbeds for AI-enabled IoT environments
- Foundation and application of data science in CPS/IoT systems

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Special Issue

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Message from the Editor-in-Chief

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