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## Cyber Physical System: Security and Resilience Challenges and Solutions

Guest Editors:

**Dr. Shareeful Islam**

**Dr. Sotiris Ioannidis**

**Dr. Spyros Papastergiou**

**Prof. Dr. Marc-Oliver Pahl**

### Message from the Guest Editors

This Special Issue will include methods, technologies, processes, solutions, and tools on the topic of security and resilience of CPS.

Topics of interest include, but are not limited to, the following:

- Unique sector-specific attack pattern and defense strategies for CPS;
- Dynamic risk management;
- AI-enabled solutions for security and resilience;
- Incident detection and response;
- Resilience framework for CPS;
- Threat intelligence and information sharing;
- Threat modelling and vulnerability assessment;
- Virtual reality-based simulation and evaluation;
- Advanced penetration testing;
- Cyber security certification scheme;
- Best practice for legal compliance;
- Conformity with AI and digital resilience act.

Deadline for manuscript  
submissions:

**31 July 2024**



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# Special Issue



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## Message from the Editor-in-Chief

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