

Special Issue

Resilient Cyber-Physical Systems

Message from the Guest Editors

Cyber-physical systems link the physical realm, mainly by use of sensors or actuators, with the virtual one of data processing, integrating computation, networking, and physical operations. Cyber-physical systems typically harness distributed sensor networks to collect, handle, and exchange data collectively, configuring cutting-edge kinds of autonomous systems. Actualized by multifarious battery-powered devices, cyber-physical systems connect physical entities with integrated computational facilities and information depositories. Topics of interest for publication in this Special Issue include, but are not limited to, the following:

- Big data for cyber-physical systems
- Smart manufacturing based on cyber-physical systems
- Security problems in cyber-physical systems
- Cloud-based medical cyber-physical systems
- Cyber-physical systems for performance monitoring
- The management of resilient cyber-physical systems
- Knowledge-based cyber-physical systems
- Cyber-physical manufacturing control systems
- Automotive cyber-physical systems

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