

Special Issue

Digitalized Industrial Production Systems and Industry 4.0

Message from the Guest Editor

The present Special Issue aims to present up-to-date information on the recent scientific advances in the digitalization of industrial production systems and in the application of industry 4.0 concepts. Papers dealing with the following topics are especially sought (although the Special Issue is not strictly limited to these):

- Industrial CPS and smart manufacturing
- Architecture design and analysis
- Industrial IoT and factory of things and internet of things
- Modeling and control for cyber-physical systems
- Edge computing, fog computing, and IoT/IIoE
- Machine-to-machine (M2M)/device-to-device communications and IIoT/IIoE
- Cloud-IIoT/IIoE cyber-physical systems
- Cyber-physical system architectures
- Human factors and humans in the loop in CPS
- The role of CPS in industry 4.0
- The role of IIoT in industry 4.0
- The role of industrial agents in industry 4.0
- Design methodology, middlewares, principles, infrastructures, and tools for IIoT
- Application of CPS in smart domains (e.g., manufacturing, agriculture, building, etc.)
- Industrial applications of multi-agent systems
- Industrial agents in industry

Guest Editor

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Deadline for manuscript submissions

closed (15 November 2021)



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