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Sensor Networks and Systems to Enable Industry 4.0 Environments

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Message from the Guest Editor

Dear Colleagues, the growth in number and application areas of connected devices is leading towards truly interactive environments, foreseen in the paradigm of the Internet of Things, providing the means to increase functionality and interrelation between multiple systems, such as Intelligent Transportation Systems, Smart Grids or Smart Health, among others. These capabilities can also be extended into production, manufacturing, logistic and maintenance areas, in which communication capabilities combined with data analysis and advances in Cyber Physical Systems provide the grounds for the advent of Industry 4.0 environments. Topics include, but are not limited to:

- Industry 4.0 Testbeds
- Wireless Sensor Network and device design following Industry 4.0 requirements
- Integration of Industry 4.0 with cloud processing capabilities
- Simulation and modelling of Industry 4.0 enabled processes
- Use cases of Cyber Physical Systems enabled for Industry 4.0 applications via WSN integration

Dr. Francisco Falcone
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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