Applied Computational Intelligence and Soft Computing

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Special Issue on
Theory and Application to the Smart Factory

CALL FOR PAPERS

Industry 4.0 is the technological evolution from embedded systems to cyberphysical systems, the Internet of Things, and cloud computing. The deployment of Industry 4.0 in production systems gives birth to the "smart factory." The smart factory concept means that the manufacturing process will certainly be more intelligent, dynamic, and flexible compared to the traditional models. In the era of smart factory, the entire production chain, including suppliers, logistics, and product life cycle management, will be connected across corporate boundaries.

The objective of this special issue is to create a forum for multidisciplinary researchers to discuss the recently emerging advances in soft computing techniques and new applications to the smart factory. The accepted papers will demonstrate the emerging advances in these fields. We are looking for original research works that have solved the critical challenges in different professional areas of smart factory using soft computing techniques.

Potential topics include but are not limited to the following:

- Swarm intelligence
- Genetic algorithm
- Neural network
- Deep learning
- Big data

Authors can submit their manuscripts through the Manuscript Tracking System at http://mts.hindawi.com/submit/journals/acisc/scta/.

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