

IET Collaborative Intelligent Manufacturing Call for Papers

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Special Issue on: Smart Manufacturing (including selected papers from 11th COPEN conference)

Globally, the manufacturing industry is gearing up for the next level of industrial revolution, often referred to as Smart Manufacturing or Industry 4.0. Smart manufacturing involves self-aware manufacturing machines that can communicate with each other and are able to make decisions to improve system performance. Smart manufacturing requires machines to have the ability to gather (and share) data about its condition and operation, perform data analytics to understand how its condition and operation affects system performance and to be able to make decisions that will improve/optimize system performance based on the gathered data. This special issue aims to bring together researchers and industry experts to publish the recent development and the state-of-the-art solutions for addressing various issues related to smart manufacturing.

Topics of interest include, but are not limited to:

- Cyber-Physical Production Systems
- Industry 4.0 Standards
- Artificial Intelligence for Manufacturing
- Prognostics in Manufacturing
- Sensors and Controls
- Cyber (Digital) Twin Technology
- Holonic Manufacturing
- Decentralised Shop floor Decision-making
- Agent based Systems for Manufacturing
- Service Oriented Manufacturing
- Cyber Security in Manufacturing



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