Special Issue on Smart Manufacturing

Call for Papers

Smart manufacturing is a broad category of manufacturing that employs computer-integrated manufacturing, high levels of adaptability and rapid design changes, digital information technology, and more flexible technical workforce training. Other goals sometimes include fast changes in production levels based on demand, optimization of the supply chain, efficient production and recyclability. In this concept, as smart factory has interoperable systems, multi-scale dynamic modelling and simulation, intelligent automation, strong cyber security, and networked sensors.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on **Smart Manufacturing**. Potential topics include, but are not limited to:

- Smart systems design and analysis
- Robotics in manufacturing
- IoT in manufacturing
- Human–robot interaction
- Cyber-physical production systems
- Data communication, integration and management
- Machine tool information modelling
- Industrial artificial intelligence
- Machine learning for machining processes
- Industrial big data analytics
- Smart sustainable manufacturing
- Real-time scheduling
- Digital twin technology
- Cloud manufacturing
- Industry 4.0
- 3D printing
- Smart production management
- Optimization of the supply chain

Authors should read over the journal's For Authors carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly notice that the "**Special Issue**" under your manuscript title is supposed to be specified and the research field "**Special Issue – *Smart Manufacturing***" should be chosen during your submission.

According to the following timetable:

Submission Deadline	June 28th, 2022
Publication Date	August 2022

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

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