



**International Symposium on
Computer, Consumer and Control, 2020**
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Special Sessions Call for Papers **The Fifth International Symposium on Computer, Consumer and Control, 2020**

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Session title: *Advanced Artificial Intelligence Technologies for Smart
Manufacturing*

As the world enters a new phase of industrialization (Industry 4.0, or the fourth industrial revolution), smart manufacturing has become crucial. Industry 4.0 refers to an industrial transformation aided by smart manufacturing and data exchange, such as high-level factory automation and Internet of Things applications. Artificial intelligence and smart machinery have also become integral research areas in manipulation. Researchers from academia and various industries are now working to develop the next generation of intelligent smart manufacturing applications. With the application of advanced artificial intelligence technologies, the revolution of the smart manufacturing industry can be advanced more quickly.

To build a competitive advantage, keep up with the “Industry 4.0” trend, and to attract and filter high quality academic contributions, we have organized this Special Section in IEEE Access on “Advanced Artificial Intelligence Technologies for Smart Manufacturing.” High quality articles within the field are highly encouraged and considered in this Special Section.

Topics/Areas

We invite academic researchers and industry professionals from a broad range of disciplines to submit to this special issue. Topics of interest include, but are not limited to:

- Artificial Intelligence, Embedded Systems and Cloud Computing in Manufacturing
- Smart Actuators and Adaptive Control of Machine Tools
- Man-machine interface and integration
- Intelligent machinery equipment
- Intelligent Automation
- Intelligent manufacturing
- Advanced signal processing and machine perception of mechanical systems
- Machine learning techniques for smart manufacturing
- M2M technology
- Big Data Analytics in Manufacturing

We also highly recommend the submission of multimedia with each article as it significantly increases the visibility and downloads of articles.

All papers accepted and registered for presentation will be published in the conference proceedings, and excellent papers will be recommended for publication in the special issue of SCI(E)/EI journals. Please note that papers must submit via the submission system website and meet the format of IS3C2020.