



Industrial Information Integration in Digital Twins Environment

Dear Colleagues,

During the first 20 years of the new millennium, the impact of ICT (information and communication technology) on industry has been immense. ICT has altered industrial processes and production in unprecedented ways, such as Industry 4.0. Due to the importance of the subject, multiple stakeholders have increased their demand for research on industrial information integration. Since the proposal of the industrial information integration engineering concept in 2005, awareness of industrial information integration has steadily increased, as has the number of studies on the subject.

A digital twin is a digital representation of a physical object, process, service, or environment that behaves and looks like its counterpart in the real world.

Both industrial information integration and digital twins have enabled a digital revolution in industrial automation. Researchers from industry and academia have focused on the virtualization and digitalization of industrial objects; however, they still face challenges. This Special Issue focuses on the industry's transition towards industrial integration and informatization in a digital twin environment. This Special Issue invites submissions on the recent advances in industrial information integration and digital twins. Topics of interest include, but are not limited to, the following:

- Digital twin techniques in industrial information integration;
- Advanced softwarization and virtualization technologies for digital twins in industrial information integration;
- Applications of digital twins and industrial information integration in industries.

Special Issue Website

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Special Issue