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Human-Centred Smart Manufacturing - Industry 5.0

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submissions:

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Message from the Guest Editors

Dear Colleagues,

Implementing Industry 4.0 in a business does not only require excellent science and technology, but it is becoming increasingly evident that we need to adopt a more comprehensive strategy that encompasses enabling technologies such as AI, IIoT, AM, AR/VR/XR, cloud manufacturing, and quantum ML, as well as matching business and sustainability strategies that can be accepted and trusted by people. This broader and human-centered approach is often called Industry 5.0.

Topics to be covered include, but are not limited to, the following:

- human-centric manufacturing systems
- human-in-the-loop control
- human–robot collaboration
- smart decision-making support
- human digital twin, trust, reliability, upgrading and upskilling
- human–machine interfaces
- sustainable smart manufacturing

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Special Issue



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Message from the Editor-in-Chief

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