

## Special Issue

# Human-Centred Smart Manufacturing - Industry 5.0

### Message from the Guest Editors

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

For more information on the Special Issue, please visit the website at: <https://www.mdpi.com/si/113777>

Please contact the or the Assistant Editor at ([ava.jiang@mdpi.com](mailto:ava.jiang@mdpi.com)) for any queries.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2025)



## Sensors

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