



Technologies for Industry 4.0

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Message from the Guest Editors

Dear Colleagues,

Industry 4.0 principles are already changing the way that companies deal with their daily tasks. Such tasks can be performed faster and more efficiently by making use of the latest technologies fostered by Industry 4.0: The Internet of Things (IoT), robotics, Cyber-Physical Systems (CPS), additive manufacturing, Big Data, cyber-security, Cloud computing, or Augmented and Virtual Reality (AVR). The range of potential Industry 4.0 applications is very large, impacting on many aspects of smart factories, such as logistics, mobility, smart buildings, product traceability, smart grids or in health and safety at work.

Topics of interest include, but are not limited to:

- Innovative applications for Industry 4.0.
- Case studies in the design and implementation of Industry 4.0 applications.
- Performance comparisons of traditional industrial processes versus Industry 4.0 counterparts.
- Industrial Augmented and Virtual Reality applications.
- Novel applications of cloud, edge, distributed and decentralized computing.
- Novel cyber-physical systems for Industry 4.0.
- Cyber-security analysis and solutions for Industry 4.0 applications.





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Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

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