



Industry 4.0: Manufacturing and Materials Processing

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Message from the Guest Editor

Industry 4.0 (Fourth Industrial Revolution) is a further development stage in the organisation and management of the entire manufacturing industry, from embedded systems to cyber-physical systems. In this approach, machines no longer process the products; instead, the products communicate with the machine and tell it what to do.

In this Special Issue, we are keen to publish robust papers discussing any relevant Industry 4.0 approach. This can include but is not limited to, developments in "manufacturing", "material processing", "robotics", "inspection", "quality control", "welding", "additive manufacturing", "nondestructive testing/evaluation", "hybrid manufacturing and inspection", "structural integrity", "advanced materials", "material evaluation", etc. The authors are recommended to include discussions directly relevant to Industry 4.0, however, the papers addressing other topics, which can be potentially corresponded to Industry 4.0 (like robotics), will also be considered.





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Message from the Editor-in-Chief

Journal of Manufacturing and Materials Processing (JMMP) (ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP*.

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