Special Issue

Industry 5.0 and Digital Practices in Multidisciplinary Applications

Message from the Guest Editor

Recent growth in digital practices has made traditional mechanical engineering practices redundant, and thus encouraged industries to embrace digital technologies, including metaverse, digital design, deep learning, etc. This insurgency led to the development of Industry 5.0, where the digital technologies are augmented with human collaboration, creating a hybrid system deriving the best of both worlds. The digital revolution brought about by Industry 5.0 has paved the way to extreme automation, enabling efficient data transfer in conjunction with Internet of Things (IOT), artificial intelligence (AI), virtual reality and big data. However, challenges such as increasing complexities and unprecedented circumstances emphasize the need for human–machine collaborative systems for obtaining accuracy and speed in digital implementation. This Special Issue provides an opportunity for academicians/industrialists to submit papers that provide insights into Industry 5.0 and digital practices in interdisciplinary engineering applications.

Guest Editor

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Deadline for manuscript submissions

closed (28 February 2023)

About the Journal

Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.
Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.
There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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