

Special Issue

Advances in Digital Twins for Manufacturing

Message from the Guest Editors

The use of digital twins in manufacturing is important in two aspects. First, digital twins can be used in the manufacturing process itself, from creating the manufacturing process to monitoring and controlling the entire manufacturing process from raw material to final assembly and shipment. Digital twins can be used at all levels of production, from individual equipment to work cells to assembly lines to the entire manufacturing facility. Second, capturing information about how individual products have been manufactured is critical for creating the digital twin instance (DTI), which will then be connected to that product for the rest of the product's life.

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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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