



Advances in Digital Twins for Manufacturing

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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

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