



Journal of Manufacturing Science and Engineering

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Special Issue on the State-of-the-Art in European Manufacturing Research

The objective of this Special Issue is to connect the *ASME Journal of Manufacturing Science and Engineering* (JMSE) and European manufacturing researchers by a collection of articles of high-level scientific work in manufacturing. It provides an opportunity for European researchers to present their state-of-the-art research results in manufacturing. Papers accepted by this Special Issue in JMSE are invited to present at the [2023 Manufacturing Science and Engineering Conference \(MSEC\)](#) at Rutgers University (New Jersey, USA) on June 12-16, 2023.

Topic Areas

The scope of this Special Issue will cover, but is not limited to the following topics:

- Additive manufacturing – metal, polymer, and ceramic
- Assembly
- Biomedical manufacturing
- Computer-integrated manufacturing - CAD/CAM/CAE
- Control and automation
- Cyber-physical systems in manufacturing
- Data science - manufacturing
- Design for manufacturing
- Forming – bulk, sheet, and tube
- Joining – fusion and solid state
- Laser materials processing
- Machine learning - manufacturing
- Machine tool dynamics
- Machining - metal cutting, abrasive, electrical and electrochemical
- Manufacturing Systems Modeling and Analysis
- Material modeling for manufacturing
- Metrology
- Powder material processing
- Polymer and composite material processing
- Production systems optimization
- Remanufacturing
- Robotics and flexible tooling
- Sensing, monitoring, and diagnostics
- Sustainable manufacturing
- Tribology in manufacturing

Publication Target Dates

Paper submission deadline	June 30, 2023
Review process completed	October 23, 2023
Special Issue publication date	January 2024

Submission Instructions

Papers should be submitted electronically to the journal at journaltool.asme.org. If you already have an account, log in as an author to your ASME account. If you do not have an account, sign up for an account. In either case, at the [Paper Submittal](#) page, select the [ASME Journal of Manufacturing Science and Engineering](#) and then select the Special Issue **State-of-the-Art in European Manufacturing Research**.

Papers received after the deadline or papers not selected for inclusion in the Special Issue may be accepted for publication in a regular issue.

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