

Special Issue

Integrated Production and Service Systems in Advanced Manufacturing: Towards Sustainable Industrial Management Through People, Planet and Prosperity

Message from the Guest Editors

This call invites original research contributions that address the integration of product, service, and production systems within advanced industrial contexts. As industries face increasing pressures for agility, digital transformation, and sustainability, the boundaries between production and service are becoming progressively fluid. Integrated Product–Service Systems (IPSSs) offer a means to align value creation with lifecycle thinking, enabling the development of circular and sustainable business models that address both economic and environmental objectives. This Special Issue will focus on systemic approaches to the design, operation, and management of industrial systems that combine technological innovation with service orientation. Particular emphasis is placed on how data-driven technologies, such as digital twins, IoT, and automation, can be leveraged to deliver smart services and optimize resource flows across value chains. We are especially interested in work that explores the transition dynamics and organizational enablers required for such transformations.

Guest Editors

Prof. Dr. Shaun West

Prof. Dr. Simon Züst

Prof. Dr. Tobias Larsson

Deadline for manuscript submissions

closed (30 November 2025)



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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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