

Call for Papers - SS 9

Manufacturing-as-a-Service for On-Demand,
Decentralized and Circular Production

Organized and Chaired by

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FOCUS.

This special session focuses on Manufacturing-as-a-Service (MaaS) for on-demand, decentralized and circular production. It addresses interoperable service-based production, rapid machine re-purposing, trusted data exchange and life-cycle data sharing for resilient value networks.

TOPICS

- ❖ Service-oriented and interoperable MaaS architectures
- ❖ Fast reconfiguration, plug-and-produce and upgrade strategies
- ❖ Trusted and secure cross-company data exchange
- ❖ Remote monitoring, predictive maintenance and asset optimisation
- ❖ Life-cycle data for traceability, remanufacturing and reuse/recycling
- ❖ AI for inspection, repair/reuse and decision support
- ❖ Security management of MaaS ecosystems

SS Program Committee

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Carlos Garcia, Irish Manufacturing Research

Dmitrii Drozdov, Flexbridge

Matteo D'auria, Spindox labs

❖ **AIM.** To advance interoperable, secure and circular MaaS ecosystems that enable flexible production, remanufacturing and data-driven asset management across company boundaries.

❖ **CONFERENCE FORMAT.** The conference will comprise multi-track sessions for regular papers, to present significant and novel research results with a prospect for a tangible impact on the research area and potential implementations.

❖ AUTHOR'S SCHEDULE (2026)

❖ Regular and special sessions papers

Submission deadline April 19
Acceptance notification May 25
Deadline for final manuscripts July 4

❖ Work-in-progress/Industry practice papers

Submission deadline May 31
Acceptance notification June 19
Deadline for final manuscripts July 4