



SOHOMA'20: 10th Workshop on Service Orientation in Holonic and Multi-Agent Manufacturing for the Industry of the Future.
1-2 October 2020. Paris, France

Special session: SOHOMA 10th-year anniversary

Organisers:

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Short presentation:

The first edition of SOHOMA was organized in June 2011 in Paris, France. In 2020, the SOHOMA workshop is hosted again in Paris, and will celebrate its 10th-year anniversary. All along these editions, the SOHOMA community introduced and emphasized new concepts and paradigms, important for the development of modern manufacturing, which contributed to the success of the 10-year series of workshops.

This special session will include presentations about important moments and contributions brought by the SOHOMA research community. The papers proposed for this special session are expected to demonstrate the impact of research reported by SOHOMA groups on specific evolution lines in manufacturing systems towards 'Industry of the Future'.

Papers should address, but are not limited to the topics listed below; they must reflect continuity in approach and significant results obtained in the past ten years:

- Product intelligence: traceability, product-driven automation, managing product lifecycle;
- Holonic manufacturing control: topologies, distributing intelligence, service orientation, evolution;
- Cloud and digital technologies for manufacturing: models, resource virtualization, cloud services, Manufacturing as a Service, Cyber-security
- Green, energy-aware and sustainable manufacturing;
- AI in manufacturing: digital twins, edge computing, big data streaming, machine learning, predictive control and maintenance
- Cyber-Physical Production Systems, Industrial IoT and 'Industry of the Future'



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Important dates:

- Full paper submission: April 15th
- Notification of acceptance: May 25th
- Final, camera-ready paper submission: June 25th
- Early registration and fee payment: July 25th
- Workshop days: 1-2 October 2020