



SPS2020

SWEDISH PRODUCTION SYMPOSIUM

21 - 24 APRIL 2020 AT SCHOOL OF ENGINEERING,
JÖNKÖPING UNIVERSITY, SWEDEN

SECOND CALL FOR PAPERS

Organised by:



Hosted by:



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Invitation

The Swedish Production Symposium is arranged for the 9th time. For the first time we have the honor to welcome you to the beautiful city of Jönköping, located in the middle of south Sweden and close to many interesting, both larger and small- and medium sized, manufacturing companies.

For the first time the Swedish Production Symposium is organized together with the Product Development Academy (PDA) and planned in adjunction to the annual conference of SPARK, Jönköping University's KK-environment. Welcome to SPS2020 in Jönköping!

Preliminary program

Date	Time	Activity
21 April	10-17	Annual SPARK-conference including a pre SPS-Workshop on co-production in research
	17-19	Registration, food and refreshments
22 April	8.30-17	Keynotes and parallel sessions
	18.30-22.30	Conference Dinner
23 April	8.30-17	Keynotes and parallel sessions
24 April	8.30-13.00	Industry tour (Husqvarna AB)

Scope and topics

The overall scope for the conference is Knowledge-Intensive Product Realisation in Co-operation for Future Sustainable Competitiveness.

SPS2020 invite authors to submit original scientific work or descriptions of industrial applications focused on the following topics:

- A Resource-efficient production
- B Flexible production
- C Virtual production development
- D Humans in the production system
- E Circular production systems and maintenance
- F Integrated product and production development
- G Advanced and optimized components, materials and manufacturing
- H Digitalization for smart products and services
- I Renewal and organizing for sustainable innovation
- J Responsive and efficient operations and supply chains
- K Linking research and education

Special sessions

Authors are also welcome to submit original scientific work or descriptions of industrial applications to special sessions that will be organised. These are the special sessions:

- S1. Special session: Education and teaching in product realisation for the future
- S2. Special session: Manufacturing testbeds and innovation hubs
- S3. Special session: Development of changeable and reconfigurable production
- S4. Special session: Supply chain relocation
- S5. Special session: Collaborative research approaches in practice
- S6. Special session: Smart production system design and implementation
- S7. Special session: Additive manufacturing in the production system
- s8. Special session: Management of manufacturing digitalization

Detailed descriptions are available at www.sps2020.se.

Workshops

During the conference there will be two workshops with invited speakers:

WS1. Workshop: Best practice in co-production of education and research

WS2. Workshop: Experiences from the Production2030-doctoral course in International Production

We also welcome workshops arranged by others. Submit a description (400-600 words) of your planned workshop for evaluation. Please select workshop as topic for the submission.

Author instruction

Research papers

Authors from academia, industry, and research institutes are invited to submit abstracts of 400-600 words. The abstract should give an outline of the final paper, indicating the paper's merits and relevance to the symposium scope, a brief account of the results and the conclusions.

When you submit your abstract, please indicate topic or special session.

The final paper should be 8-12 pages long. The required language is English, and all submissions are made electronically. Templates and further instructions will be available at www.sps2020.se.

All submitted abstracts and all full papers will be subject to peer-review by the scientific committee.

For paper acceptance, at least one unique author per paper need to be registered by the early registration deadline.

Important dates

June 1, 2019	Submission opens
September 25, 2019	Extended abstract/workshop submission deadline
October 1, 2019	Notification of preliminary acceptance
November 30, 2019	Full paper deadline
February 1, 2020	Review results
	Registration opens
March 2, 2020	Camera ready paper deadline
March 16, 2020	Notification of final acceptance
April 21-24, 2020	SPS2020 in Jönköping

Venue, accommodation and travel information

Please find information about the venue, accommodation and travel at www.sps2020.se.

Registration

Please find information about registration at www.sps2020.se.

Programme Committee

Kristina Säfsten (chair) – JTH
Fredrik Elgh (co-chair) – JTH
Anders Jarfors – JTH
Kerstin Johansen – JTH
Glenn Johansson – JTH, MDH
Joel Johansson – JTH
Carin Rösiö – JTH
Roland Stolt – JTH
Linda Bergqvist – JTH
Jenny Bäckstrand – JTH
Mats Jackson – JU/SPARK

Contact information

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Scientific Committee

Members from the Swedish Production Academy (SPA) and Product Development Academy - Sweden (PDA):

Lena Abrahamsson, LTU, Sweden (SPA)
Carin Andersson, LTH, Sweden (SPA)
Andreas Archenti, KTH, Sweden (SPA)
Monica Bellgran, KTH, Sweden (SPA)
Tomas Beno, HV, Sweden (SPA)
Mats Björkman, LiU, Sweden (SPA)
Gunnar Bolmsjö, LNU, Sweden (SPA)
Jessica Bruch, MDH, Sweden (SPA)
Anders Jarfors, JTH, Sweden (SPA) – member of programme committee
Björn Johansson, Chalmers, Sweden (SPA)
Glenn Johansson, JTH, MDH, Sweden (SPA and PDA) – member of programme committee
Mats Johansson, Chalmers, Sweden (SPA)
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Peter Krajnik, Chalmers, Sweden (SPA)
Bengt Lindberg, KTH, Sweden (SPA)
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Per Nylén, HV, Sweden (SPA)
Mauro Onori, KTH, Sweden (SPA)
Lars Pejryd, ORU, Sweden (SPA)
Bengt-Göran (BG) Rosén, HH, Sweden (SPA)
Erik Sundin, LiU, Sweden (SPA)
Johan Stahre, Chalmers, Sweden (SPA)
Jan-Eric Ståhl, LTH, Sweden (SPA)
Kristina Säfsten, JTH, Sweden (SPA) – conference chair
Rikard Söderberg, Chalmers, Sweden (SPA)
Leo DeVin, KU, Sweden (SPA)
Lihui Wang, KTH, Sweden (SPA)
Magnus Wiktorsson, KTH, Sweden (SPA)
Jinming Zhou, LTH, Sweden (SPA)
Dan Högberg, HiS, Sweden (PDA)
Fredrik Elgh, JTH, Sweden (PDA) – conference co-chair
Björn Fagerström, MDH, Sweden (PDA)
Ola Isaksson, Chalmers, Sweden (PDA)
Tobias Larsson, BTH, Sweden (PDA)
Anders Warell, LTH, Sweden (PDA)
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