



# SPS2020

SWEDISH PRODUCTION SYMPOSIUM

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

## FIRST ANNOUNCEMENT AND CALL FOR PAPERS

Organised by:



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## Invitation

The Swedish Production Symposium is arranged for the 9<sup>th</sup> 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. Currently, there are five 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

Additional sessions and detailed descriptions will be available at [www.sps2020.se](http://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

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 6-10 pages long. The required language is English, and all submissions are made electronically. Templates and further instructions will be available at [www.sps2020.se](http://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 15, 2019	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 20, 2020	Camera ready paper deadline
April 2, 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](http://www.sps2020.se).

## Registration

Please find information about registration at [www.sps2020.se](http://www.sps2020.se).

## Programme Committee

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

## Contact information

sps2020@ju.se

## 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)  
Thomas 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)  
Alexander Kaplan, LTU, Sweden (SPA)  
Peter Krajnik, Chalmers, Sweden (SPA)  
Bengt Lindberg, KTH, Sweden (SPA)  
Amos Ng, HiS, Sweden (SPA)  
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)  
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 Högborg, 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)  
Johan Ölvander, Linköping university, Sweden (PDA)  
Anna Öhrwall Rönnbäck, LTU, Sweden (SPA and PDA)