



Second call for papers

Swedish Production Symposium SPS12

Linköping, Sweden

6th - 8th of November 2012



WWW.SPS12.SE

Hosted by



Organized by



Sponsored by



Abstract submission

Authors from academia, industry and research institutes are invited to submit abstracts of **300-500 words**. The abstract should give an outline of the final paper, indicating the paper's merits and relevance to the conference scope and topics, with a brief account of the results and the conclusions.

Paper submission

All submitted papers will be subjected by peer review by the scientific committee. The final paper should be **6 – 10 pages** long. The required language is English and all submissions are made electronically. Templates and instruction will be found on www.sps12.se.

In addition to SPS 12 conference proceedings, selected quality papers will be considered for publication in a Special Issue of International Journal of Manufacturing Research. Authors of the selected papers will be invited to submit revised and expanded version of their papers after the conference.

Preliminary Program

Date	Time	Activity
6 th of November	17.00 – 22.00	Visit at The Swedish Air Force Museum, food and refreshments
7 th of November	08.30 – 17.00	Keynote speech and parallel sessions
	18.00 – 22.00	Social activities and conference dinner
8 th of November	08.30 – 15.00	Keynote speech and parallel sessions

Important dates

1st of March 2012	<i>Deadline for abstract submission</i>
1st of April 2012	<i>Notification of preliminary acceptance</i>
18th of June 2012	<i>Deadline for full paper submission</i>
15th of August 2012	<i>Review results will be sent</i>
27th of August 2012	<i>Deadline for early registration</i>
17th of September 2012	<i>Deadline for print-ready paper submission</i>
28th of September 2012	<i>Deadline for registration</i>

Purpose and Aim

The Swedish Production Academy welcomes you to join the 5th Swedish Production Symposium, SPS12. The aim of the conference is to promote both the breadth and depth in production research, and to bridge the gap between academic research and industrial implementation.

With this call we invite both academic and industrial researchers to contribute with interesting research results and to participate during the conference held.

Scope and topics

The scope of the conference is the challenges every manufacturing are meets in the globalized production system. The overall goal is to develop sustainable production systems manufacturing environmental friendly and safe products involving new technology and materials. Increased global competition is forcing the development towards shorter lead times, shorter time to get innovations on the market and increased flexibility. The purpose for the conference is to address these issues by discussing the following topics:

- Assembly
- Automation in production systems
- Humans in production systems
- Learning and organization in production systems
- Machine tool design
- Maintenance and reliability in production
- Man - Machine interaction in production
- Manufacturing processes
- Material processing
- Metrology in production
- Production engineering education
- Production system design
- Production systems operation
- Production performance
- Concurrent and collaborative engineering
- Remanufacturing and recycling
- Sustainable production system
- Virtual manufacturing & simulation

Scientific committee (preliminary)

Prof. Alf Andersson – Volvo Car Corporation / Chalmers UNiv.

Prof. Mats Björkman – Linköping Univ.

Prof. Gunnar Bolmsjö – University West

Prof. Mats Jackson – Mälardalen Univ.

Prof. Christer Johansson – Jönköping Univ.

Prof. Mats Johansson – Chalmers Univ.

Prof. Alexander Kaplan – Luleå Tech. Univ.

Prof. Anders Kinnander – Chalmers Univ.

Prof. Torsten Kjellberg – Royal Inst. of Tech.

Prof. Bengt Lindberg – Royal Inst. of Tech.

Prof. Cornel-Mihai Nicolescu – Royal Inst. of Tech.

Prof. Per Nylén – University West

Prof. Mauro Onori – Royal Inst. of Tech.

Prof. Bengt-Göran Rosén – Halmstad Univ.

Prof. Johan Stahre – Chalmers Univ.

Prof. Jan-Eric Ståhl – Lund University

Prof. Lihui Wang - University of Skövde

Prof. Leo De Vin – Karlstad University

Program Committee

Mats Björkman – Linköping University

Stefan Björklund – Linköping University

Kerstin Johansen – Linköping University

Erik Sundin – Linköping University

Lisbeth Hägg – Linköping University

Rickard Olsen – Linköping University

Contact

Administrative information: lisbeth.hagg@liu.se

General questions: mats.bjorkman@liu.se

Venue and accommodation

Please find information about venue and accommodations on www.sps12.se