

Version 4.0 (2020-10-06)

Detailed program for the 9th Swedish Production Symposium					
Wednesday 7 October, 2020					
8.30-9.10	Welcome and introduction to the conference Conference chair and co-chair, Dean of JTH, Associate dean of research JTH, Chair of Swedish Production Academy (SPA) and Chair of Product Development Academy (PDA)				
9.15-10.00	Trends of productivity growth and the role of manufacturing Lena Hagman, Senior economist, Association of Swedish Engineering Industries (Teknikföretagen)				
10.00-10.30	Fika				
10.30-11.45	Workshop Lifelong learning and developing shared modular education between Academia and Industry - the Civilingenjör 4.0 pilot project Moderator: Bengt-Göran Rosén, Halmstad University	Paper session Stream I Special session S1 Changeable and reconfigurable production Chair: Carin Rösiö, JTH 10.30-10.55 Boldt, JTH 10.55-11.20 Napoleone, Denmark 11.20-11.45 Wlazlak, JTH	Paper session Stream II Paper session II:B Flexible production Chair: Kicki Säfsten, JTH 10.30-10.55 Andersson, MDH 10.55-11.20 Windmark, LU 11.20-11.45 von Axelsson, Vinnova	Paper session Stream III Paper session III:G1 Advanced and optimized components, materials and manufacturing Chair: Anders Jarfors, JTH 10.30-10.55 Wang, KTH 10.55-11.20 Hanning, Chalmers	Paper session Stream IV Paper session IV:E1 Circular production systems and maintenance Chair: Erik Sundin, LIU 10.30-10.55 Johansson, LU 10.55-11.20 Salonen, MDH 11.20-11.45 Chirumalla, MDH
11.45-13.00	Lunch				
13.00-14.15	Sandvik Coromant - Factory of the future Claes Nord, Senior Visitor Experience Specialist, AB Sandvik Coromant				
14.15-14.45	Fika				
14.45-16.25	Workshop Best practice in co-production of education and research Moderators: Malin Löfving, Träcentrum & Jenny Bäckstrand, JTH	Paper session Stream I Special session S2 Smart production system design and implementation Chair: Anna Syberfeldt, HIS 14.45-15.10 Wang, KTH 15.10-15.35 Vestin, JTH 15.35-16.00 Wang, KTH 16.00-16.25 Jeong, KTH	Paper session Stream II Paper session II:C Virtual production development Chair: Kerstin Johansen, JTH 14.45-15.10 Rivera, HIS 15.10-15.35 Modesti, Brazil 15.35-16.00 Gong, Chalmers 16.00-16.25 Ng, HIS	Paper sessions stream III Paper session III:D Humans in the production Chair: Sten Grahn, RISE 14.45-15.10 Iriondo Pascual, HIS 15.10-15.35 Peltokorpi, Finland 15.35-16.00 Luque, HIS 16.00-16.25 Li, Chalmers	Paper sessions stream IV Paper session IV:J Responsive and efficient operations and supply chains Chair: Anna Granlund, MDH 14.45-15.10 Centerholt, RISE 15.10-15.35 Kalaiarasan, KTH)
18.00-late	Conference dinner				
Thursday 8 October, 2020					
8.30-9.00	Production 2030 - Strengthening Innovation in Production Cecilia Warrol, Program director, Strategic Innovation Programme Production 2030				
9.10-10.00	Edge - Our Journey Toward Perfect Production Anders Wiberg, Director Manufacturing Edge Factory, Husqvarna AB				
10.00-10.30	Fika				
10.30-11.45	Workshop Building knowledge together in product and production development research Moderators: Boel Wadman, Produktionskluster (The Swedish Manufacturing R&D Clusters) Cecilia Warrol, Production 2030 Sabina Rebezzani, Production 2030 Graduate School Anna Öhrwall Rönnbäck, LTU & Tero Stjernstoft, Vinnova	Paper session Stream I Special session S3 Supply chain relocation Chair: Anders Adlemo, JTH 10.30-10.55 Adlemo, JTH 10.55-11.20 Sequeira, JTH 11.20-11.45 Fratocchi, Italy	Paper session Stream II Paper session II:A1 Resource-efficient production Chair: Peter Almström, Chalmers 10.30-10.55 deVin, KAU 10.55-11.20 Löfving, Träcentrum 11.20-11.45 Chavez, KTH	Paper session Stream III Paper session III: G2 Advanced and optimized components, materials and manufacturing Chair: Christina Windmark, LU 10.30-10.55 Wang, KTH 10.55-11.20 Slipchenko, Ukraine	Paper session Stream IV Paper session IV:F1 Integrated product and production development Chair: Ann-Louise Andersen, Denmark 10.30-10.55 Popovic, JTH 10.55-11.20 Yitmen, JTH 11.20-11.45 Thajudeen, JTH
11.45-13.00	Lunch				
13.00-14.40	Workshop Experiences from the Production 2030 - doctoral course in International Production Moderator: Bengt-Göran Rosén, Halmstad University	Paper session Stream I Special session S4 Management of manufacturing digitalisation Chairs: Anna Öhrwall Rönnbäck, LTU & Monica Bellgran, KTH 13.00-13.25 Badajane, MDH 13.25-13.50 Machado, Chalmers	Paper session Stream II Paper session II:A2 Resource-efficient production Chair: Mats Björkman, LIU 13.00-13.25 Grahn, RISE 13.25-13.50 Larsson, KTH 13.50-14.15 Linderson, KTH 14.15-14.40 Bengtsson, MDH	Paper session Stream III Paper session III:H Digitalization for smart products and services Chair: Dan Högberg, HIS 13.00-13.25 Lodi, Brazil 13.25-13.50 Troll, KTH 13.50-14.15 Eynian, HV 14.15-14.40 Perno, Denmark	Paper session Stream IV Paper session IV:F2 Integrated product and production development Chair: Magnus Wiktorsson, KTH 13.00-13.25 Bastchen, Brazil 13.25-13.50 Cerqueira, Brazil 13.50-14.15 Tatipala, BTH
14.40-15.10	Fika				
15.10-16.05	Paper session Extra session Chair: xx 15.10-15.35 15.35-16.05	Paper session Stream I Special session S5 Additive manufacturing in the production system Chair: Roland Stolt, JTH 15.10-15.35 Kurdve, RISE 15.35-16.05 Stolt, JTH	Paper session Stream II Paper session II:A3 Resource-efficient production Chair: Gary Linneusson, JTH 15.10-15.35 Islam, KTH 15.35-16.05 Staskiewicz, Denmark	Paper session Stream III Paper session III:E2 Circular production systems and maintenance Chair: Glenn Johansson, LU 15.10-15.35 Kurilova-Palisaitiene, LIU 15.35-16.05 Sundin, LIU	Paper session Stream IV Paper session IV:F3 Integrated product and production development Chair: Leo deVin, KAU 15.10-15.35 Trolle, JTH 15.35-16.05 Sefton, KTH
16.05-16.30	Closing session, best paper award and handover to SPS2022				

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
- J. Responsive and efficient operations and supply chains

SPECIAL SESSIONS

- Special session 1: Development of Changeable and Reconfigurable Production
- Special session 2 : Smart Production System Design and Implementation
- Special session 3: Supply Chain Relocation
- Special session 4: Management of Manufacturing Digitalization
- Special session 5: Additive Manufacturing in the Production System