

PLANs forsknings- och tillämpningskonferens

Onsdag 21 oktober 2020

08:30 – 09:00	Digital inloggning			
09:00 – 09:10	Välkomna! Magnus Wiktorsson, institutionen för Hållbar produktionsutveckling vid KTH			
09:10 – 09:50	Karin Lundgren-Hartikainen, EMEA regional supply chain and digital lead, AstraZeneca, Stefan Sandberg, Work stream Lead, Global Planning Transformation, AstraZeneca ”Global Planning Transformation - an ongoing change within the AstraZenecas Supply Network” The session will bring insights into how we aim to transform our way of operating to be a world class, synchronised, end-to-end supply chain that will deliver to patients with quality, speed and efficiency. The focus will be on the key planning processes and capabilities currently under development.			
Inlogg till parallella sessioner	Operations management Sessionsledare: <i>Magnus Wiktorsson, KTH</i>	 Supply Chain Management Sessionsledare: <i>Seyoum Eshetu Birkie, KTH</i> <i>Ravi Kalaiarasan, Scania/KTH</i>	 Digitalisation Sessionsledare: <i>Yongkuk Jeong, KTH</i> <i>Mikael Ek, SSCP</i>	
10:00 – 10:30	Ett koncept för adaptiv dimensionering av säkerhetsbuffertar <i>Stig-Arne Mattsson, JU</i> <i>Lisa Hedvall, JU</i> <i>Joakim Wikner, JU</i>	Supply network configuration and design for small series production in high-cost contexts: Insights from textiles and apparel <i>Sara Harper, HB</i> <i>Rudrajeet Pal, HB</i>	Digital Twin-based Services for Future Production Logistics Settings <i>Erik Flores-Garcia, KTH,</i> <i>Yongkuk Jeong, KTH,</i> <i>Sichao Liu, KTH,</i> <i>Goo-Young Kim, KTH</i> <i>Magnus Wiktorsson, KTH</i>	
10:30 – 11:00	Endast presentation: KPI:er i disruptiv tid <i>Jenny Bäckstrand, JU</i> <i>Mikael Göthager, JU</i>	Towards production logistics and supply chain visibility - a Case study approach <i>Tarun Kumar Agrawal, KTH</i> <i>Ravi Kalaiarasan, Scania/KTH</i> <i>Jan Olhager, LU</i> <i>Magnus Wiktorsson, KTH</i>	Data driven support for decision making in a demand driven context <i>Joakim Wikner, JU</i> <i>Annika Engström, JU</i> <i>Ulf Johansson, JU</i>	
11:00 – 11:10	Bensträckare			
11:10 – 11:40	Presentation of PhD Thesis: Strategies for Demand-Driven Supply Chains – A Decoupling Thinking Perspective <i>Fredrik Tiedemann, JU</i>	Strategier för att uppnå kundorderflexibilitet – leverantörens perspektiv <i>Helena Forslund, LNU/JU</i> <i>Stig-Arne Mattson, JU</i> <i>Lisa Hedvall, JU</i>	Requirements Affecting the Design of Automated Guided Vehicle Systems <i>Nils Thylén, Chalmers</i> <i>Robin Hanson, Chalmers</i> <i>Mats I Johansson, Chalmers</i>	
11:40 – 12:10	Flödesegenskapers och flödesstrukturers betydelse för kötider, leveranstider och leveransprecision <i>Stig-Arne Mattsson, JU</i>	Exploring the impact from digitalisation on business relationships in welding manufacturing <i>Carla Ferreira, Chalmers</i> <i>Patrik Jonsson, Chalmers</i> <i>Frida Lind, Chalmers</i>	Transition to data-driven production logistics: two case studies on opportunities and transition challenges <i>Masoud Zafarzadeh, KTH</i> <i>Magnus Wiktorsson, KTH</i> <i>Jannicke Baalsrud Hauge, KTH</i>	
12:10 – 12:50	Lunchpaus			



12.50 – 13.00	Inloggning till gemensam session.					
13.00 – 13.30	Fabio Castello, Senior Vice President Logistics, Scania CV AB					
Keynote	”Efficiency and collaboration in Scania supply chains”					
	The session will bring insights into Scania’s efforts on transparency and visibility throughout Supply Chains, leading to world-class performance even in challenging times. It will also introduce digitalisation efforts and how Scania Logistics work to establish operation-based development in these areas.					
Inlogg till parallella sessioner	Engineering to Order		Service management		Digitalisation	
	Sessionsledare: <i>Erik Flores Garcia, KTH</i> <i>Goo-Young Kim, KTH</i>		Sessionsledare: <i>Masoud Zafarzadeh, KTH</i> <i>Wajid Ali Khilji, KTH</i>		Sessionsledare: <i>Jannicke Baalsrud Hauge, KTH</i> <i>Mikael Ek, SSCP</i>	
13.40 – 14.10	Konceptuell logistikmodell för planering i anläggningsbranschen <i>Jarkko Erikshammar, LTU</i> <i>Amanda Johansson, LTU</i>		Årsbalans i tjänsteproduktion <i>Ritva Rosenbäck, Flowistics/Högskolan Väst</i> <i>Malin Bjurestam, Region Västernorrland</i>		Towards automatic validation of operation times in manual processes <i>Yongkuk Jeong, KTH</i> <i>Magnus Wiktorsson, KTH</i> <i>Peter Almström, Chalmers</i>	
14.10 – 14.40	Understanding the Implementation of Technology in Construction’s Impact on Individuals, Organization and Business Models <i>Micael Thunberg, LIU</i> <i>Lars Stehn, LTU</i>		Application of portfolio theory to healthcare capacity management <i>Carina Fagefors, Sahlgrenska</i> <i>Björn Lantz, Chalmers</i>		A decision-making tool to identify routings for an efficient utilization of machining resources: the decision makers’ perspective <i>Sunney Fotedar, Chalmers</i> <i>Torgny Almgren, GKN</i> <i>Joakim Wikner, JU</i> <i>Ann-Brith Strömberg, Chalmers</i> <i>Stefan Cedergren, GKN</i>	
14.40 – 15.00	Paus					
15.00 – 15.30	Slöserier i produktionsprocessen för vägentreprenader <i>Jarkko Erikshammar, LTU</i> <i>Axel Bergbom, BDX</i>		Patient Flow-Focused Development in an Orthopedic Unit – Empirical findings from three orthopedic departments <i>John Brofors, Chalmers,</i> <i>Fabian Steen, Chalmers</i> <i>Torbjörn Jacobsson, Chalmers</i>		Towards carbon-neutral Logistics: A Simulation-based Optimization Approach <i>Amita Singh, KTH</i> <i>Utkarsh Upadhyay, MPI-SWS</i> <i>Magnus Wiktorsson, KTH</i> <i>Jannicke Baalsrud Hauge, KTH</i>	
15.30 – 16.00	Produktdesign och nya logistiklösningar som nycklar till cirkulär ekonomi <i>Leena Kossila, MPS & Affärssystem AB</i>		Planning System Design and Development – Using Simulation and Advanced Experimentation in Teaching <i>Fredrik Persson, LIU</i> <i>Mathias Henningsson, LIU</i>		Simultaneous scheduling of preventive system maintenance and the maintenance workshop <i>Gabrijela Obradović, Chalmers</i> <i>Ann-Brith Strömberg, Chalmers</i> <i>Kristian Lundberg, SAAB/Chalmers</i>	
16.00 – 16.10	Återsamling i gemensam session.					
16.10 – 16.40	Demonstration of the digital and physical testbed for production logistics. Closing the project DigiLog run by KTH, in collaboration with Scania, AstraZeneca, FCC, SSCP and Virtual Manufacturing.					
16.40 – 17.00	Summering och information om PLAN aktiviteter.					

