Program Supply Chain Academy, September 4th 2019

08.00 am - 08.30 am	Registration and breakfast
08.30 am - 08.45 am	Welcome
08.45 am - 09:45 am	Combining human and artificial intelligence for better supply chain decision making
09:45am - 10:00 am	Coffee break
10:00 am -10:45 am	Technology sessions
10:45 am - 12.15 pm	Learning sessions by Optilon (Breakout): - Transform your strategic business decisions into tangible operational output through S&OP - Artificial Intelligence in Supply Chain transformation - Challenges and opportunities by creating a digital twin of your supply chain
12.15 pm - 01.15 pm	Lunch
01.15 pm - 02.00 pm	Technology sessions
02:00 pm - 03.30 pm	Learning sessions by Optilon (Breakout): - Transform your strategic business decisions into tangible operational output through S&OP - Artificial Intelligence in Supply Chain transformation - Challenges and opportunities by creating a digital twin of your supply chain
03.30 pm - 03.45 pm	Coffee break
03.45 pm - 04:45 pm	Blockchain - what is the hype about and how is it relevant to supply chain?
04:45 pm - 05:00 pm	Sum up
06.30 pm - 10.00 pm	Evening Party at TAK

Blockchain - what is the hype about and how is it relevant to supply chain? - Mikael Ahlström

This session will go into what blockchain really is at a conceptual level and elaborate on how it can be used for supply chain implementation to increase visibility, traceability, auditing, optimization and much more. The session will give a brief history and background to blockchain as a technology, and how it is different than the technologies and solutions we have currently. The sessions will also introduce practical applications of blockchain in the supply chain. The session will also serve as an introduction to subsequent sessions during Talks day that will focus on how to address counterfeiting into the supply chain and in consumer products using blockchain and item level identification technologies.

Mikael Ahlstrom has spent over 25 years in the technology space as an entrepreneur, consultant, and strategic advisor. His experience ranges from industries such as telecom, utilities, supply chain and finance. During his career his has held many different roles such as enterprise architect, program manager, strategic analyst, procurement specialist etc. During the last 10 years he has been engaged numerous times to create entirely new platforms combining various technologies. During the last years there has been an intensified focus working on

technologies for tracking and tracing of provenance using technologies such as blockchain and IOT devices for purposes such as anti-counterfeiting, supply chain visibility/integrity and optimization.

Combining human and artificial intelligence for better supply chain decision making – Joakim Wikner

Supply chain decision making is challenged by both complexity and automation. Artificial intelligence (AI) is developing rapidly but still humans are superior in many areas. AI is efficient in handling large amount of data but still struggles in dealing with decision making that requires a more innovative approach to also be effective. Balancing such efficiency and effectiveness relates to ambidexterity which suggests that an organization must be able to strike a competitive balance to both exploit existing knowledge and explore new knowledge. Developing this type of ambidextrous capability is the future avenue for most businesses to stay competitive. Considering also the dynamics involved in being responsive in terms of for example customization and servitization, the challenges are even more significant. This approach to combining organizational ambidexterity, flow thinking, and artificial intelligence is the focus for this presentation. This approach carries great potential where responsiveness is a key aspect of decision making related to, for example, sales and operations planning, order fulfillment and performance management.

Joakim Wikner is professor in Supply chain and operations management at Jönköping University, and professor in Production economics and Linköping University. He has previously worked with ERP systems for Intentia Consulting and IFS R&D. Presently his main interest is on responsiveness as a competitive differentiator. Responsive enterprises are interesting since they represent knowledge intensive environments. These enterprises therefore have great potential for using information technology in general and AI in particular to augment human intelligence. His present research is targeting this type of responsiveness and how to improve and possibly automate decision making in supply chain and operations management.

Transform your strategic business decisions into tangible operational output through S&OP

Do you struggle to transform your business targets into operational execution? Do you lack an effective process to support your mid- and long-term decisions? Are you looking for ways to bridge the gap between strategy, tactical decisions and daily planning? – then you're not alone. Gartner has addressed the disconnect between sales and operations planning and operational execution as one of the main challenges for companies today.

In this session we will look at different industries and use real-life cases to exemplify how these challenges can be addressed and be resolved with existing tools and capabilities. We will discuss how you can go from reactive firefighting, to a situation where you can take informed proactive supply chain decisions affecting your profitability.

Our aim is that this should be an interactive session where we discuss your current challenges and share our experiences.

Are your strategic decisions based on facts or gut feeling?

Do you have the guts to challenge your gut feeling? Many executive decisions are made based on experience and gut feeling which in many cases can be a good thing. But there are studies that show that you unconsciously have a bias and that the experience is not always applicable in the future. Digitalization can help in putting your unconscious bias into perspective, and companies are today building a digital twin of their operations, to enable future fact-based scenario planning.
This session will focus on the journey from strategic questions to answers, by using a digital twin of the supply chain. We will exemplify how a twin can be the backbone in the transformation to enable data driven executive decisions. The complexity of data gathering, getting the results and telling your story for the decision makers is part of the journey and can be different depending on a company's maturity.

Artificial Intelligence in Supply Chain

Artificial Intelligence, or AI in short, seems to be on many Supply Chain organisations radar nowadays and has attracted much cross-industry interest. Although considered strategically important by most, few organisations have yet transformed conceptual AI strategy in to value-generating and continues operational processes. This session aims to provide next-stage advice and practical learnings from existing AI implementations that are already transforming Supply Chain operations by working side-by-side with valuable human expertise and know-how.

We reserve the right to make changes