

AGENDA | THURSDAY 27 SEPTEMBER

- 09.00 Registration and refreshments
- 09.30 **Welcome and introduction**
Dr Jagjit Singh Srail, Head, Centre for International Manufacturing,
IfM, University of Cambridge
- 09.45 **Digital Transformation Ford's Aluminium F150 Truck**
John Fleming, Former Executive Vice President Global Manufacturing and Labour Affairs,
Ford Motor Company
- 10.30 Refreshments
- 11.00 **What is beyond Industry 4.0?**
Michelle Shi-Verdaasdonk, Vice President, Head of Global Manufacturing,
Signify (Formerly known as Philips Lighting)
- 11.45 **Cisco's supply chain digitized**
Edwin de Boer, Senior Director, Supply Chain Operations,
Cisco
- 12.30 Lunch and networking
- 13.45 **Integrated supply chain in the cloud**
Alain Leroy, SVP GSC Strategy & Transformation, Global Supply Chain,
Schneider Electric
- 14.30 **The importance of supply chain agility to enable business growth**
Chris Fielden, Group Supply Chain Director,
Innocent
- 15.15 Refreshments
- 15.45 **Made Smarter - UK's place in the 4th Industrial Revolution**
Juergen Maier, CEO,
Siemens UK
- 16.30 **Transforming the development, manufacture and supply of medicines**
Jon-Paul Sherlock, Global Technology Strategy Director,
AstraZeneca
- 17.15 Wrap up and close of session
- 19.00 Symposium Dinner at Christ's College

08.30 Registration and refreshments

09.00 **Designing and redesigning international manufacturing networks**
Professor Jan Olhager,
Lund University

Resource Efficiency in Food Supply Chains – a perspective from the green plains of Punjab

Dr Sandeep Kapur,
Punjab Agricultural University

Work Analytics: the human side of industry 4.0

Professor Fabrizio Salvador,
IE Business School

11.15 Refreshments

11.30 **RESEARCH THEMES | SESSION ONE**

Global supply networks

Automotive track I

Supply chain transformation enabled by advanced technologies I

Digital supply chain design, analysis and operation

13.00 Lunch

14.00 **RESEARCH THEMES | SESSION TWO**

Global manufacturing and China track I

Automotive track II

Food track

Sustainability and the circular economy

15.30 Refreshments

15.45 **RESEARCH THEMES | SESSION THREE**

Global manufacturing and China track II

Global value chain

Supply chain transformation enabled by advanced technologies II

Digital supply chain analytics

17.00 Close

<p>Global supply networks (Chair: Hiroshi Katayama)</p>
<p>A study on digital visual management for providing the right transparency against emergencies Koichi Murata</p>
<p>Coopetitive Theory and Standardization: A review on the patent pools and Consortia Literature Felix Andres Conde Chau</p>
<p>Extension of KPI measures for effective lean management Hiroshi Katayama</p>
<p>The Development Process at The Suppliers End: A systematic literature review Rihab Alam, Fahian Huq, Grigory Pishchulov</p>
<p>Automotive track I (Chairs: Jagjit Singh Srail, Patrick Hennelly, Gary Graham, Anthony Brown, Laird Burns)</p>
<p>Autonomous economic agents for low friction, connected travel and supply chain efficiency Humayun Sheikh</p>
<p>Downstream innovations to upstream supply chain implications David Wong</p>
<p>Competitive advantage from unused capacity: Innovating business models to capture uncaptured value Ulrich F. Von Tuerckheim</p>
<p>Supply chain transformation enabled by advanced technologies I (Chair: Naoum Tsolakis)</p>
<p>An exploration of blockchain technology in supply chain management Alexandre Arnaldo Boschi, Rogério Borin, Julio Cesar Raimundo, Antonio Batocchio</p>
<p>Cloud-based manufacturing ecosystems: application development for sheet metal industry Petri Helo, Yuqiuge Hao</p>
<p>Exploring social media as a vehicle for knowledge transmission across a horizontal supply chain: a case in insurance Susan Grant</p>
<p>Development of Asian Landbridge from Finland - Current State and Future Prospects Olli-Pekka Hilmola, Ville Henttu, Yulia Panova</p>
<p>Digital supply chain design, analysis and operation (Chair: Ettore Settanni)</p>
<p>Exploring trajectories of procurement digitalization in manufacturing firms Harri Lorentz, Sini Laari</p>
<p>Power configurations in digital global supply chains as revealed by upgrading cases Afonso Fleury, Luis Oliveira, Maria Tereza Fleury</p>
<p>Combining field data analysis and simulation to evaluate an alternative Just-In-Time clinical trial supply strategy Ettore Settanni, Jagjit Singh Srail, V. Mark Kothapalli</p>
<p>Global manufacturing firm investments - an explorative study in the Nordic context Jussi Heikkilä</p>

Global manufacturing and China I

(Chair: Xiaobo Wu)

Comparison Study of Exercise of Dynamic Capabilities vs Ad Hoc Problem Solving: Evidence from Latecomer High-Tech EM-NCs Facing Threats from Intellectual Property

Xiaobo Wu, Ziyang Tan, Haoyu Zhang

How do latecomers from emerging countries seize the window of opportunity: Catch-up evidence from Hikvision

Xiaobo Wu, Yanan Fu

Emergence and Evolution of an Electronics Industrial Cluster - HQB: Inspirations and Learnings from Perspective of Business Ecosystem

Jiawei Liu, Yuankun Luo, Yongjiang Shi

Dynamic Process: International Diversification and Innovation Performance

Jian Du, Qiuxia Zheng, Xiaoran Chang

TMT Compensation Gap, Executive-employee Compensation Gap and Firm Performance

Bin Guo, Zhen Wang

Automotive track II

(Chairs: Patrick Hennelly, Gary Graham, Anthony Brown, Laird Burns)

The role of remanufacturing in Ford's supply chain

Louise Gouldstone

The changing role of the actors in the automotive remanufacturing value chain

David Fitzsimons

Innovation and knowledge transfer in the connected and autonomous vehicle sector

George Filip

Food track

(Chair: Jagjit Singh Srail)

Government-to-Government (G2G) Contracts for India's Pulses Procurement: Ad-Hoc Bargaining, Long-Term Contracting and Supplier Diversification

Nagesh Gavirneni

Defining user profiles and socially responsible supply chains: a preliminary study based on erg theory

Tomás Harrington

Blockchain for food delivery

Dan Bumblauskas

Agriculture 4.0 as Enabler for Water Stewardship: An Emulation Tool for Drones in Farming Operations

Naoum Tsolakis, Dimitrios Bechtsis, Jagjit Singh Srail

Sustainability and the circular economy

(Chair: Pavan Manocha)

The new role of procurement in a circular economy system

Fabio Pollice, Antonio Batocchio

Exploring Sustainable Supply Chain Management in Mergers & Acquisitions - How Green is the Deal? target selection considerations within the lithium-ion battery supply chain

Pavan Manocha, Jagjit Singh Srail

Disruptive Technology as a Driver for the Sustainability of Traditional Manufacturing Supply Chains

Richard Cinderey

Action Plan Simulation for Manufacture 2030 bee

Simon J.F. Roberts, David Poulter, Allen Shaw, Emma Gollub, Aanand Davé, Mateusz Zalasiewicz, Matthew Freeman

<p>Global manufacturing and China II (Chair: Yongjiang Shi)</p>
<p>Ecosystem Resource Utilisation: Case Study of Chinese Firms Xiaomi and Smartisan Frank Chuan Qin, Xianwei Shi, Yongjiang Shi</p>
<p>The business side of industrial symbiosis development Hanmin Huang, Yongjiang Shi</p>
<p>An Integrated Model of Knowledge Transfer from Global Flagships to Local Firms in Global Production Networks Jian Du, Xiaoran Chang, Dong Wu</p>
<p>When spatial crowdedness is good: the moderated U-shaped relationship between spatial crowdedness and cluster performance Bin Guo, Yuhan Jin, Qiang Li</p>
<p>Global value chain (Chair: Tomás Harrington)</p>
<p>A Study on Global Quality Value Chain organized by Japanese Manufacturers Masahiro Miyagawa</p>
<p>Hybrid perovskite solar cells redefine photovoltaics Global Value Chain Guendalina Anzolin, Marcello Righetto</p>
<p>MES/MOM systems for Manufacturing Networks: An exploratory study from operations in India Soujanya Mantravadi, Yang Cheng, Charles Møller</p>
<p>Start-ups: Integrating product, market and supply chain decisions to build-up market entry capabilities Luis F. Valente, Ana C. Barros, Catarina Maia, João P. Cunha</p>
<p>Blockchain application in supply chain chemical substance reporting Sukhraj Takhar, Kapila Liyanage</p>
<p>Supply chain transformation enabled by advanced technologies II (Chair: Parminder Kaur Aulakh)</p>
<p>Application of Analytical Hierarchy Process (AHP) for Comparative Evaluation of API Manufacturing Technologies Parminder Kaur Aulakh, Ettore Settanni, Jagjit Singh Srail</p>
<p>How much visibility has a company over its supply chain? A diagnostic metric to assess supply chain visibility A Dario Messina, Ana Cristina Barros, António Lucas Soares</p>
<p>Optimal Input Combination in Production Competition Considering the Presence of Carbon Market Ji Hyeok Jeong, Saedaseul Moon, Sang Min Yeo, Deok-Joo Lee, Hiroshi Katayama</p>
<p>The role of Collaborative Networks in Product-Service System Business Models for an Advanced Manufacturing Technology SME João Rodrigues Simões, J. M. Vilas-Boas da Silva, Isabel Duarte de Almeida</p>
<p>Digital supply chain analytics (Chair: Ulrich Ferdinand von Tuerckheim)</p>
<p>Anarchic Manufacturing & mass customisation: Solving customization and complexity with anarchy Andrew Ma, Aydin Nassehi, Chris Snider</p>
<p>Disrupting industrial systems: A strategic management approach to capturing uncaptured value from unused space capacity Ulrich Ferdinand von Tuerckheim, Sebastian Macmillan</p>
<p>Advanced Analytics in Action: a manufacturing plant cost index for strategic network design Vasilis Loulos, Dmitry Chernykh, Federico Rios</p>
<p>Production Networks Capabilities and Industrial Context: Performance Effects and Interaction Marian Wenking, Oliver Flaeschner, Thomas Friedli, Torbjørn Netland</p>