# PROGRAMME AT A GLANCE

## SUNDAY 9th July
- **15.00-18.00** Workshop: “What are the Key Supply Chain Requirements for 3DP to become a Commercial Reality?”
- **18.30-20.00** Welcome Reception: Grand Hotel Union, Ljubljana

## MONDAY 10th July
- **08.30 – 09.00** Registration
- **09.00 – 10.30** Welcome:
  - Professor Kulwant S Pawar, University of Nottingham, UK & China
  - Dr Andrej Lisec, University of Maribor, Slovenia
  - Dr Andrew Potter, Cardiff University, UK
  - **Keynote Address**: Marko Javornik, VP/GM Mobility & Travel, Comtrade Digital Services, ‘Transportation as a digital data business’
  - **Meet the Editor**: Prof. Britta Gammelgaard, Copenhagen Business School and Editor, International Journal of Logistics Management
  - **10.30 – 11.00** Coffee Break
  - **11.00 – 12.30** 5 Parallel Sessions (1) (15 Papers)
  - **12.30 – 13.30** Lunch
  - **13.30 – 15.00** 5 Parallel Sessions (2) (15 Papers)
  - **15.00 – 15.30** Coffee Break
  - **15.30 – 17.30** 5 Parallel Sessions (3) (19 Papers)
  - **17.45 – 18.45** ISL Advisory Committee Meeting

## TUESDAY 11th July
- **08.00 – 09.30** Global Cold Chain Network Event
- **09.30 – 10.30** 5 Parallel Sessions (4) (8 papers)
- **10.30 – 11.00** Coffee Break
- **11.00 – 12.30** 5 Parallel Sessions (5) (15 papers)
- **12.30 – 13.30** Lunch
- **13.30 – 15.00** 5 Parallel Sessions (6) (15 papers)
- **15.00 – 15.30** Coffee Break
- **15.30 – 17.00** 5 Parallel Sessions (7) (11 Papers)
- **17.00 – 17.15** Closing session
- **18.30 – 22.00** **Conference Dinner**: Restaurant at Bled Castle. The cost of accompanying person will be €40 per person (includes price for two way ride on the funicular railway)

## WEDNESDAY 12th July
- **Optional Industrial Visit**: KRKA pharmaceutical company. The cost will be €35 (includes transport and lunch)

During all breaks, we would encourage you to review the poster papers and provide your feedback to the authors.

Please note that changes may occur due to circumstance above and beyond our control. See our website for the most up-to-date programme at: [www.isl21.org](http://www.isl21.org) - Dated: 04/07/2017
### Monday 10th July

**08.30**  **REGISTRATION:** Grand Hotel Union, Ljubljana

**09.00**  **Welcome & Programme:**
Professor Kulwant S Pawar, University of Nottingham, UK, Dr Andrej Lisec, University of Maribor, Slovenia, Dr Andrew Potter, Cardiff University, UK

**Keynote Address:** Marko Javornik, VP/GM Mobility & Travel, Comtrade Digital Services

*Transportation as a digital data business*

**Meet the Editor:** Prof. Britta Gammelgaard, Copenhagen Business School and Editor, International Journal of Logistics Management

**10.30**  **REGISTRATION:** Grand Hotel Union, Ljubljana

**11.00**  **COFFEE BREAK**

**11.30**  **PARALLEL SESSIONS (1)**

| Session: Applications of ICT in Supply Chains  
| Chair: J Hemilä  
| Room:  
| Lean management through industry 4.0: Applicability to the seven types of waste of the TPS system - Gizem Erboz, Zoltan Szegedi, Andrej Lisec, Gabor Nick  
| Sustainable supply chains in the world of industry 4.0 - Erika Di Pietro, Zaza Nadja Lee Hansen  
| On the integration of intelligent logistics ecosystems in production and industry 4.0 settings - Martin Dobler, Jens Schumacher  

| Session: Transport and Distribution  
| Chair: A Potter  
| Room:  
| Systematic cost of risk for rail-based freight logistics in South Africa - Jan Havenga, De Bod Anneke, Zane Simpson, Stefaan Swarts, Jaap Van der Merwe  
| An investigation into port congestion post the Arab Spring: the case of the Libyan crisis - Stephen Pettit, Wessam Abouaghourb, Anthony Beresford  
| The application of simulation research methods in the evaluation of reliability of transport systems - Grzegorz Kaczor, Maciej Szkoda  

| Session: Customer-Supplier Relationships  
| Chair: E Sandberg  
| Room:  
| The enablers to achieve supply chain agility in FMCG industries: empirical evidence from Germany - Young-Joon Seo, Tatschner Rene, Pandian Shumughum, Saeyeon Roh, Dong-Wook Kwak  
| Examining customer-side supply chain quality management in the digital era - Jayao Hu, Christos Braziotis, Kim Hua Tan  

| Session: Globalisation of supply chains  
| Chair: C Chan  
| Room:  
| Seamless logistics systems of automobile parts between Japan and Korea - Katsuhiko Hayashi  
| Competitive manufacturing enablers for reshoring textile and clothing supply chains - Rudrajeet Pal, Jonas Larsson, Sara Harper, Ann Vellesalu  
| Investigating the impact of climate change on food sourcing decisions - Rengarajan Srinivasan, Vaggelis Giannikas, Renaud Guyot, Mukesh Kumar, Duncan McFarlane  

| Session: Urban Logistics  
| Chair: M Francis  
| Room:  
| Smart parking for the delivery of goods in urban logistics - João Carlos Amaro Ferreira, Ana Lúcia Martins  

**12.30**  **LUNCH**
| 13.30 | **Session: Applications of ICT in Supply Chains**  
Chair: B Gammelgaard  
Room: | **Session: Transport and Distribution**  
Chair: A Beresford  
Room: | **Session: Customer-Supplier Relationships**  
Chair: S O'Reilly  
Room: | **Session: Inventory and Warehouse Management**  
Chair: M Ohba  
Room: | **Session: Urban Logistics**  
Chair: R Pouraghabagher  
Room: |
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| 15.00 | **COFFEE BREAK** |
|-------|-----------------------------------------------|------------------------------------|------------------------------------------|--------------------------------------------|----------------------------------|
| 15.30 | Chair: T Takeno Room: | Chair: H Sternberg Room: | Chair: C Braziotis Room: | Chair: R Accorsi Room: | Chair: G Pache Room: |
|       | Study on the methods of reducing redeliveries and collecting necessary delivery data - Etsuo Masuda | M&A and the change of the logistics service industry - An analysis of involved firms and their rivals - Artur Tielmann, Jörg Ries, Dr. Florian Kiesel | Coordinated decision-making amongst stakeholders with different interests: a case study in parts harvesting for medical systems - Hans Ronald Krikke, Maren Schenkel, Marjolein Caniels, Nestor Coronado Palma | A metaheuristic approach to solving a multiproduct EOQ-based inventory problem with storage space constraints (case of increased number of products) - Slobodan Antic, Lena Djordjevic, Andrej Lisec | Factors affecting the performance of humanitarian logistics activities in Egypt - Sahar El Barky |
|       | Towards a secured traceability system for closed-loop textile supply chains - Tarun Kumar Agrawal, Rudrajeet Pal | Interpretive structural modelling of absorptive capacity building within international joint ventures of logistics firms - Jeong-Yang Park, Dong-Wook Kwak | Strategic supplier evaluation by a jewellery firm in Thailand - Piyawan Puttibarncharoenri, Yenrudee Tantisiripphaiboon | Analytical models for mean estimations of travel time and energy consumption per transaction in a shuttle based storage and retrieval system - Banu Yetkin Ekren, Anil Akpunar, Zaki Sari, Tone Lerher | The role of power on procurement and supply chain management systems in a humanitarian organisation: A conceptual framework - Nidam Siawsh, Konrad Peszynski, Leslie Young, Huan Vo-Tran |

**Monday 10th July**

17.45 - 18.45 **ISL Advisory Committee Meeting**
<table>
<thead>
<tr>
<th>Time</th>
<th>Session: Complexity, risk and uncertainty Chair: A Lisec Room:</th>
<th>Session: Transport and Distribution Chair: T Lirn Room:</th>
<th>Session: General Supply Chain Management Chair: R Mason Room:</th>
<th>Session: Sustainability in logistics &amp; supply chains Chair: H Rogers Room:</th>
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<tbody>
<tr>
<td>08.00</td>
<td>The optimal retirement age and related database for workers in logistics - David Bogataj, Marija Bogataj</td>
<td>Transportation synergies in inbound logistics flow at automotive assembler plant - João Carlos Amaro Ferreira, Ana Lúcia Martins</td>
<td>Paradoxes in packaging development organisations - Henrik Pålsson, Erik Sandberg</td>
<td>Supplier Relationship management in a circular economy: Core brokers in automotive remanufacturing - Matthias Kalverkamp</td>
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**COFFEE BREAK**

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<tr>
<th>Time</th>
<th>Session: Complexity, risk and uncertainty Chair: S Antic Room:</th>
<th>Session: Supply Chain Design and Planning Chair: H-K Chan Room:</th>
<th>Session: Cold Chain SCM Chair: KS Pawar Room:</th>
<th>Session: General Supply Chain Management Chair: A Chaudhuri Room:</th>
<th>Session: Sustainability in logistics &amp; supply chains Chair: J Baalsrud Hauge Room:</th>
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<tr>
<td>11.00</td>
<td>Data driven network analysis for improved supply chain risk management - Joerg Ries, Byung-Gak Son, ManMohan Sodhi</td>
<td>Simulation analysis of VMI vs CPFR in retailer promotions - James H. Bookbinder, Amanda Cha</td>
<td>Surface temperature requirements of frozen and chilled food receiving for cold chain logistics management - Kai-Chen Chang, Hsin-I Hsiao</td>
<td>Strategic deployment of 3D printing: The supply chain perspective - Christos Braziotis, Helen Rogers, Ajeseun Jimo</td>
<td>A closed-loop supply chain model with price and sustainability dependent demand and collection rates - Ehab Bazan, Mohamad Y. Jaber, Simone Zanoni</td>
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<td>12.30</td>
<td>Emerging risks due to inefficient flexibility - Frederik Döbbeler</td>
<td>Models and heuristics for the flow-refuelling location problem - Gabor Nagy, Trung Hieu Tran, Thu Ba Nguyen, Niaz Wassan</td>
<td>Operating procedure and time-temperature data transparency in home delivery cold chain logistics - Hsin-I Hsiao, Che-Lun Mai</td>
<td>Assessment of service quality in supply of pharmaceutical products - Ana Lúcia Martins, Laura Conchinha</td>
<td>Dynamic pricing services to minimise CO2 emissions of delivery vehicles - Yizi Zhou, Rupal Rana, Jiycin Liu</td>
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**LUNCH**
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<th>13.30</th>
<th><strong>PARALLEL SESSIONS (6)</strong></th>
<th>15.00</th>
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</table>
| **Session: Complexity, risk and uncertainty**  
Chair: M Naim  
Room: | **Session: Supply Chain Performance Assessment**  
Chair: M Jaber  
Room: | **Session: Cold Chain SCM**  
Chair: HR Krikke  
Room: | **Session: General Supply Chain Management**  
Chair: M Goh  
Room: | **Session: Sustainability in logistics & supply chains**  
Chair: M Bourlakis  
Room: |
<p>| Managing risk in additive manufacturing supply chains - Daniel Eyers | Pharmaceutical Supply Chain (PSC) for Effective Health Care Delivery: Consumer Perception of Compk Ltd as a Pharmaceutical Service Provider. - Gbemisola Abosedo Ajayi, Dotun Adebanjo, Li Zhou | Product characteristics for differentiated replenishment planning of meat products - Flemming Max Møller Christensen, Iskra Dukovska-Popovska, Kenn Steger-Jensen | Implementation challenges and research opportunities in big data analytics for manufacturing enterprises - Reza Pouraghhabagher, Teja Arikati | Transport operations in reusable package supply chains: The role of intermodality in reducing the environmental impact - Giulia Baruffaldi, Riccardo Accorsi, Luca Volpe, Riccardo Manzini, Marco Bortolini |
| <strong>15.00</strong> | <strong>COFFEE BREAK</strong> | <strong>15.00</strong> | <strong>COFFEE BREAK</strong> | <strong>15.00</strong> | <strong>COFFEE BREAK</strong> | <strong>15.00</strong> | <strong>COFFEE BREAK</strong> | <strong>15.00</strong> | <strong>COFFEE BREAK</strong> | <strong>15.00</strong> | <strong>COFFEE BREAK</strong> | <strong>15.00</strong> | <strong>COFFEE BREAK</strong> | <strong>15.00</strong> | <strong>COFFEE BREAK</strong> |</p>
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<th>15.30</th>
<th><strong>PARALLEL SESSIONS (7)</strong></th>
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<td><strong>Chair: J Vlajic</strong></td>
<td><strong>Chair: J Havenga</strong></td>
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<td>Study of safety aspects in handling hazardous material transportsations in the Middle East - Balan Sundarakani</td>
<td>Managing ill-formed data to improve supply chain management performance - M Goh, Avinash Patel</td>
<td>A supply chain model with energy considerations for cold chain - Simone Zanoni, Mohamad Jaber, Ivan Ferretti, Laura Mazzoldi</td>
<td>Dynamic capabilities in the used clothing supply chain - Erik Sandberg, Rudrajeet Pal</td>
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<td>Method of risk and costs prediction of the cargo theft - Małgorzata Kuźnar, Augustyn Lorenc</td>
<td>Developing a framework towards improving logistics performance in manufacturing companies - Chandveer Chotuck, Devkumar Sing Callychurn</td>
<td>Cold chain bullwhip effect: Causes and mitigating mechanisms - Adarsh Kumar Singh, Nachiappan Subramanian, Kulwant Singh Pawar, Hing Kai Chan, Rubin Bai</td>
<td>Impact of lean manufacturing and innovation on environmental performance; Mediating role of environmental practices - Samsad Reza, Dotun Adebajo, Jin Hooi Chan, Gbemisola Abosede Ajayi</td>
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<td>Supply risk and its mitigation: A systematic literature review - Priyabrata Chowdhury, Kwok Hung Lau, Siddhi Pittayachawan, Minh Phuc Nguyen</td>
<td>The impact of macroeconomic Indicators on the forecasting total cargo throughput in the Adriatic seaport - Dejan Dragan, Tomaž Kramberger, Andrej Lisec, Marko Intihar</td>
<td>Modelling dimensions of quality assessment of logistics services in road refrigerated transport - Teresa Gajewska, Ludmila Filina-Dawidowicz</td>
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<td><strong>17.00</strong></td>
<td><strong>CLOSING SESSION</strong></td>
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<td><strong>18.30 – 22.00</strong></td>
<td><strong>Conference Dinner:</strong> Restaurant at Bled Castle. The cost of accompanying person will be €40 per person (includes price for two way ride with funicular)</td>
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Wednesday 12th July

INDUSTRIAL TOUR (Wednesday 12th July)

An industrial visit to KRKA pharmaceutical company has been arranged.

We can accommodate up to 40 participants. Allocation will be on a first come first served basis. The cost will be €35 (includes transport and lunch). Please register via ISL website. (http://www.isl21.org/industrial-visit/)

Outline Itinerary:

- 09.30: Bus departs from the Grand Union Hotel, Ljubljana
- 11.00: Industrial tour
- 12.45 – 14.00: Lunch
- 14.00 – 15.00: Free time
- 16.00: Arrive at the Grand Union Hotel