

# The 27<sup>th</sup> International Symposium on Logistics (ISL 2023)

## Managing Supply Chains during Geopolitical Turbulence

Enschede, Netherlands 9<sup>th</sup> - 12<sup>th</sup> July 2023



Organized by



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UNIVERSITY OF TWENTE.

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#### SCIENTIFIC PROGRAMME AND SYMPOSIUM AIMS

The fundamental goals of good logistics are to manage the movement of materials from the point of acquisition to the point of final consumption, as well as the associated information flows, with a view to providing excellent customer service at a reasonable cost. Achieving these goals requires fast and efficient management of internal and external resources within the context of global supply chain networks. Papers will represent the latest in academic thinking and case examples of successful implementations of ideas, models and concepts. The wider audience will therefore benefit from the knowledge and experience of leading practitioners and academics in this area.

The 27th International Symposium on Logistics aims to provide a forum for discussion between leading academics, researchers and practitioners who specialise in the area of logistics and supply chain management and to promote excellence in this field. The chosen theme for ISL2023 is "Managing Supply Chains during Geopolitical Turbulence". We welcome papers original contributions on the developments in theory and practice in the area of logistics and supply chains. The 27th ISL aims to provide a forum for both academics and practitioners to discuss the current and future research in the area of logistics and supply chain management.

This major event for international scholars in the areas of Logistics, Operations and Supply Chain Management will hosted in Twente, Netherlands, following the successful events in Cork 2022, online 2021, Würzburg 2019, Bali 2018, Ljubljana 2017, Kaohsiung 2016, Bologna 2015, Ho Chi Minh City 2014, Vienna 2013, Cape Town 2012, Berlin 2011, Kuala Lumpur 2010, Istanbul 2009, Bangkok 2008, Budapest 2007, Beijing 2006, Lisbon 2005, Bangalore 2004, Sevilla 2003, Melbourne 2002, Salzburg 2001, Iwate 2000, Florence 1999, Padua 1997 and Nottingham 1995 and 1993.

The official language of the Symposium is English.

#### **SYMPOSIUM TOPICS**

Contributed papers may deal with, but are not limited to the following:

- Building resilience for supply chains considering how supply chains can respond to both short- and long-term risks and uncertainties, including responses to geopolitical turbulence.
- Sustainability in logistics and supply chains covering environmental/'green' and social aspects, such as reverse logistics or employee welfare, as well as research that considers the 'triple bottom line'.
- Smart/digital logistics and supply chains covering all aspects of technology, including Industry 4.0, blockchain, digital twins, e-Business, decision support systems and RFID.
- Supply chain analytics covering the use of data for decision making, predictive models and supply chain planning as well as performance assessment of existing operations.
- Customer-supplier relationships including dyads, triads and supply chain networks, and considering the nature and value of different collaborative relationships within product and service supply chains.
- Globalisation of supply chains strategies for de-coupling global supply chains, approaches for scaling up or down logistics and supply chain operations, trade regulations and cultural challenges.
- Humanitarian logistics the requirements for logistics operations in addressing the aid needs of those affected by natural and man-made disasters.
- Logistics network design and management –logistics networks and their nodes, maritime logistics, distribution, multimodal transport and third-party logistics.
- Supply chain skills, training and education addressing industry skills challenge in logistics and supply chain management including training needs and competencies, as well pedagogical and novel approaches to teaching.
- Electric mobility and charging infrastructure including incentives, sources of power supply, battery life management, life cycle costings, and total cost of ownership.

#### PAPER SUBMISSIONS

The main focus of the conference will be the presentation of research papers. The intention is to hold the conference face-to-face with an online option for those who cannot travel to Enschede. Two types of paper submissions will be considered – working papers and full papers. There will also be the opportunity for papers to be considered for publication in the International Journal of Logistics Management or Computers and Industrial Engineering.

#### **Working Papers**

These may represent early stage research ideas or initial findings. Only an abstract is needed for review by Monday 13<sup>th</sup> February 2023. If accepted, a Working Paper will be required by Monday 29<sup>th</sup> May 2023. The Working Paper will not be peer reviewed. Format requirements for the abstract are detailed below. Working Papers should only be between 4 and 6 pages long. These Working Papers will be made available to participants but will not be part of the formal proceedings and not have an ISBN number. It is expected that the submitted Working Papers would be significantly changed for any subsequent journal publication.

#### **Full Papers**

The complete paper (including abstract) is submitted by Monday 13<sup>th</sup> February 2023 and will be subjected to a full peer review process. Full papers must be no longer than 8 pages. Format requirements for the abstract are detailed below, and a style guide for the papers can be found on the ISL website. If accepted, authors will be expected to make changes consistent with the reviewers' comments before final submission by Monday 29<sup>th</sup> May 2023. The full paper will be published in the Proceedings of the Conference, which will have an ISBN number.

#### PLEASE NOTE SUBMISSION DEADLINE NOW EXTENDED TO MONDAY 10<sup>TH</sup> MARCH 2023.

For both Full Papers and Working Papers, the aim is to provide feedback to authors by Monday 17th April 2023.

#### **Abstract Format**

All papers require an abstract, and this should be entered directly into ConfTool. There are five headings which are obligatory (Purpose, Design, Findings, Value and References); the other two (Research implications and Practical implications) may be omitted if they are not applicable to your paper. Abstracts should contain no more than **500** words and reflect the research you intend to present at the conference. Write concisely and clearly.

- Purpose of this paper: What is the reason(s) for writing the paper or the aims of the research?
- **Design/methodology/approach:** How are the objectives achieved? Include the main method(s) used for the research. What is the approach to the topic and what is the theoretical or subject scope of the paper?
- Findings: What was found in the course of the work? This will refer to analysis, discussion, or results.
- Value: What is new/original in the paper? State the value of the paper and to whom.
- **Research limitations/implications (if applicable):** If research is reported on in the paper this section must be completed and should include suggestions for future research and any identified limitations in the research process.
- **Practical implications (if applicable):** What outcomes and implications for practice, applications and consequences are identified? Not all papers will have practical implications but most will. What changes to practice should be made as a result of this research/paper?
- **References:** Please provide THREE relevant references.

#### **Paper Format**

Full Papers should comply with the style guidelines of the conference and details of these can be found on the website (<a href="http://www.isl21.org">http://www.isl21.org</a>). It is expected that the only changes made to the Full Paper after initial submission will be reflective of feedback received from reviewers. For the initial submission, please ensure that the paper does not contain the authors' details; these can be added once the review process has been completed. Working papers do not need to follow the style quidelines but should only be 4-6 pages long.

#### **Submission Process**

Full Papers and all abstracts should be submitted on-line by the deadline of Monday 13<sup>th</sup> February 2023. Please visit our website at <a href="http://www.isl21.org">http://www.isl21.org</a> and register for full details and instructions. The corresponding author should be the one to upload the documents. If you are unable to use the online system, please contact the Symposium Administration by e-mail: <a href="mailto:isl21@nottingham.ac.uk">isl21@nottingham.ac.uk</a>

Papers and abstracts will only be accepted for review on the condition that the manuscript has not been copyrighted, published, presented or accepted for presentation at a professional meeting and is not currently under review for presentation at another professional meeting.

Authors must register for, and attend, the Symposium to present the paper if it is accepted. Please note that each participant can present no more than two submissions at the conference.

Publication will take the form of a Booklet of Abstracts, which will contain the abstracts for both Full and Working Papers. The Proceedings and Working Papers will be made available on the website. However, only the Proceedings will continue to retain an ISBN number.

#### **OPPORTUNITIES FOR JOURNAL PUBLICATION**

ISL 2023 is once again partnering with the International Journal of Logistics Management (IJLM), building on our long-standing relationship. IJLM aims to provide a platform for new thinking on (new) problems, practices and techniques of logistics and supply chain management as well as facilitating the interchange of information about logistics and supply chain management among business managers and researchers on a world-wide basis. The journal is indexed widely and had an 5-year impact factor of 5.286(2020). Each year, we aim to publish 3-4 papers in IJLM as a focused cluster of papers based on those presented at IJLM. While the final choice of papers rests with the organising committee, you are encouraged to indicate your interest in your paper being published in IJLM when submitting your initial abstract. Any working paper submissions that are only an abstract will not be considered for the special issue.

In addition, ISL 2022 will also be looking to invite papers for a cluster within the journal Computers and Industrial Engineering (CIE). These papers will tend to adopt a more quantitative approach and therefore align with the overall objectives of this journal.

#### **BEST DOCTORAL PAPER**

The ISL Advisory Committee is pleased to once again announce the Best Doctoral Paper Award, which will be presented at the Conference. The award is designed to recognise and encourage new ideas and targeted research in the field of logistics and supply chain management. Submissions will be reviewed by members of the PhD Award Committee, who will consider aspects such as originality, contribution, and quality of presentation. Both Full and Working Paper submissions will be eligible for the prize.

The winner will receive £100 (or equivalent) and a certificate. The conditions are:

- 1. The student must be PhD-candidate at the time of abstract submission.
- 2. The submitted paper must report on original research conducted mainly by the PhD candidate.
- 3. The paper must be presented by the student at the conference.
- 4. The student must be the first author.

If the paper is to be considered for the PhD award, this must be indicated at the time of initial submission. Failure to do so will result in the paper not being considered for the award.

Following the conference, a brief personal profile of the winner should be sent for inclusion on the ISL website.

#### **CONFERENCE SCHEDULE**

Sunday, 9th July 2023

15.00 to 17.00: Workshop.

17.00 to 18.30: Welcome Reception

Monday and Tuesday, 10th & 11th July 2023

Main Conference - plenary and parallel sessions

There will be a conference dinner in the evening of Tuesday 11th July

Wednesday, 13th July

Industrial visit (optional) – an opportunity to visit businesses engaged in global and local supply chains.

#### CENTRE FOR CONCURRENT ENTERPRISE, NOTTINGHAM UNIVERSITY BUSINESS SCHOOL (UK)

The Centre for Concurrent Enterprise (CCE) is a leading international centre for research in the fields of product/service design, concurrent and virtual enterprising, logistics, supply chain and related subfields (<a href="http://www.nottingham.ac.uk/business">http://www.nottingham.ac.uk/business</a>). CCE conducts internationally leading research through collaborative projects, working with leading companies and universities across the globe. The centre has a successful track record of working in many national and international, multi-disciplinary, industrially applied research projects. Topics have ranged from requirements engineering, electronic commerce, assessment and benchmarking for concurrent engineering, collaborative new product development, product-service systems, collaborative innovation, knowledge management, Cloud Manufacturing, modelling and analysis, performance measurement, outsourcing and analysis of logistics and supply chain operations in Europe, India and China. The centre's staff co-organise two annual international conferences, namely ISL and the annual International Conference on Concurrent Enterprising (ICE) and publish proceedings.

#### **CONFERENCE VENUE**

Enschede is the largest city in the Twente region and is located in the Overijssel province of the Netherlands. In former times Enschede was a major centre of the textile industry, but now it is a university city that also has business, scientific and technology areas. In 2003 Enschede was named the greenest city in the Netherlands. Notable places to visit include the Grote Kirk, dating from 1200 and De Oude Markt, where there are many cafes and restaurants. To get to Enschede, there are regular services from Amsterdam, including direct trains from Schiphol airport.

You can find out more about Enschede at https://www.visit-enschede.com/ and https://visitenschede.nl/.