

ISCEC 2021

Special Session on Intelligent Supply Chains and e-Commerce

at the 13th Asian Conference on Intelligent Information and Database Systems (ACIIDS 2021)

Phuket, Thailand, April 7-10, 2021

Conference website: <http://www.aciids.pwr.edu.pl/>

Special Session Organizers

Prof. Arkadiusz Kawa

ŁUKASIEWICZ Research Network – The Institute of Logistics and Warehousing, Poland

E-mail: arkadiusz.kawa@ilim.poznan.pl

Prof. Bartłomiej Pierański

Department of Commerce and Marketing
Poznań University of Economics and Business, Poland

E-mail: bartlomiej.pieranski@ue.poznan.pl

Prof. Justyna Światowiec-Szczepańska

Department of International Finance
Poznań University of Economics and Business, Poland

E-mail: justyna.swiatowiec-szczepanska@ue.poznan.pl

Objectives and topics

The dynamic growth of ICT in the last few years has initiated a shift of well-developed and developing business networks in the direction of an information society. On the basis of an information “order”, new supply chains called intelligent and electronic have emerged. The new approach to supply chain management has caused changes in the logic of enterprise organization and increase the role of cooperation. Knowledge, unique resources, and key responsibilities are being brought to the foreground. Increasing competitiveness is forcing a new organizational model characterized by newer and faster alliances that are created more frequently. The aim of this special session is to present the new organizational models which are based on networks and constitute a response to the changes brought about by the era of the information society. The intelligent and distributed solutions seem to provide an appropriate framework for quick-response to crisis economy shifts.

There are many emerging issues in this research area with big potential for their application. Both theoretical and practical approaches in the area are welcome.

A list of interested topics for this session, but not limited to, is listed below:

- Digital economy
- Technologies and applications on supply networks
- Modeling and simulation of business processes
- Optimization of supply chains
- Logistics in e-commerce
- New technological solutions in e-commerce logistics
- New technological solutions in e-, m- commerce as well as brick – and – mortar retailers
- Virtual and augmented reality in logistics
- Omnichanneling
- Crowdsourcing models in logistics
- e-supply chains
- e-fulfilment
- e-logistics
- e-sourcing
- e- and m-customer service
- Artificial intelligence in supply chains and e-commerce

- Cloud computing in supply chains
- Multi-agent systems in supply chains
- Sustainable supply chains
- Virtual organizations
- Simulation experiments of business models and scenarios
- Networking strategies in global environment
- Data standardization in supply network
- Enterprise architecture and implementation issues
- Real-world applications and business scenarios

Important dates

Submission of papers: **1 December 2020**
 Notification of acceptance: **30 December 2020**
 Camera-ready papers: **15 January 2021**
 Registration & payment: **15 January 2021**
 Conference date: **7-10 April 2021**

Program Committee (to be invited)

Carlos Andres Romano, Polytechnic University of Valencia, Spain
 Costin Badica, University of Craiova, Romania
 Davor Dujak, University of Osijek, Croatia
 Waldemar Koczkodaj, Laurentian University, Canada
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 Adam Koliński, ŁUKASIEWICZ Research Network – The Institute of Logistics and Warehousing, Poland
 Marcin Anholcer, Poznan University of Economics and Business, Poland

Submission

All contributions should be original and not published elsewhere or intended to be published during the review period. Authors are invited to submit their papers electronically in pdf format, through EasyChair. All the special sessions are centralized as tracks in the same conference management system as the regular papers. Therefore, to submit a paper please activate the following link and select the track: **ISCEC 2021: Special Session on Intelligent Supply Chains and e-Commerce.**

<https://easychair.org/conferences/?conf=aciids2021>

Authors are invited to submit original previously unpublished research papers written in English, of up to 13 pages, strictly following the LNCS/LNAI format guidelines. Authors can download the Latex (recommended) or Word templates available at [Springer's web site](#). Submissions not following the format guidelines will be rejected without review. To ensure high quality, all papers will be thoroughly reviewed by the ISCEC 2021 Program Committee. All accepted papers must be presented by one of the authors who must register for the conference and pay the fee. The conference proceedings will be published by Springer in the prestigious series LNCS/LNAI (indexed by ISI CPCI-S, included in ISI Web of Science, EI, ACM Digital Library, dblp, Google Scholar, Scopus, etc.).