



GOL'22 – June 29 - July 01, 2022



The 6th edition of the IEEE International Conference on Logistics Operations Management

Innovation in Supply Chain Management

Note: All times are French local time (UTC+2 hours)

Location: FSEG, amphitheater 4, 61 av. de la Forêt Noire, Strasbourg

Wednesday, June 29, 2022	
8:30 am 9:00 am	Opening Ceremony Julien Penin, BETA Director, Unistra Research Vice-President Claude Guittard, Dean of FSEG Ioana Filipas Deniaud, François Marmier, for the Organizing Committee
9:00 am 9:50 am	Keynote Lecture: Prof. Bertrand ROSE , University of Strasbourg
9:50 am 10:10 am	Coffee Break
10:10 am 11:40 pm	Paper session 1: Supply Chain Performance Assessment Chair: Bertrand Rose Haingo Rabarijaona, Alassane Ballé Ndiaye: <i>Technetium-99 process mapping: an end-to-end SCOR and BPMN modelling</i> Abdalla Alnaqbi, Fikre Dweiri, Amin Chaabane: <i>Supply Chain Synergy Evaluation After Merger of Upstream Oil Supply Chains</i> Eszter Sós, Péter Földesi: <i>Fuzzy QFD assessment of logistics coherence</i> Zhanna Zenkova, Anna Andrievskaya, Sergey Tarima: <i>Accounting for deficit and a known demand' quantile in ABC-XYZ analysis</i>
12:00 pm 2:00 pm	Lunch Break

2:00 pm 2:45 pm	Keynote Lecture: Caroline MONDON , Development Director AFRSCM
2:45 pm 4:05 pm	<p>Paper session 2: Supply Chain Risk Management Chair: François Marmier</p> <p>Paul Savignac, Eva Petitedemange, Raphaël Oger, Matthieu Lauras, Jocelyn Gac: <i>Toward an Educational Supply Chain Operations Reference Model</i></p> <p>Amina Berahhou, Youssef Benadada, <i>Dynamic Vehicle Routing Problem with Simultaneous Delivery and Pickup, Overtime and Inventory Restriction: Golden Ball Algorithm</i></p> <p>Nabil Kayouh, Btissam Dkhissi: <i>A decision support system for evaluating the Supply chain logistics risks in the automotive industry: Moroccan case</i></p>
4:05 pm 4:15 pm	Coffee Break
4:15 pm 6:00 pm	<p>Paper session 3: Sustainable & Collaborative Supply Chain Chair: Ioana Filipas Deniaud</p> <p>Niclas-Alexander Mauss, Michael Ruehs, Johannes Fottner: <i>Potentials of Circular Economy Approaches for Supply Chain Resilience</i></p> <p>Jonas zum Felde, Cyril Alias, Alexander Goudz: <i>Comparing generic and dedicated tools of discrete-event simulation for examining inland waterway transportation services</i></p> <p>Maliheh Vaez-Alaei, Ioana Deniaud, François Marmier, Robin Cowan, Didier Gouc: <i>Framework for collaborative projects: A partners selection case study</i></p> <p>Khouloud Dorgham, Issam Nouaouri, Jean-Christophe Nicolas, Gilles Goncalves: <i>Fuzzy Programming Approach for Collaborative Supply Chain under Uncertain Demand</i></p> <p>Ilias Vlachos, Vasiliki Polichronidou: <i>The role of Third Party Logistics Providers in managing international supply chain triads</i></p>
6:00 pm	Closing Day 1

Thursday, June 30, 2022	
8:30 am 9:50 am	<p>Paper session 4: Blockchain, emerging technologies and operations Chair: Wilfrid Azan</p> <p>Emilie Lachance, Nadia Lehoux, Pierre Blanchet: <i>Automated and robotized processes in the timber-frame prefabrication construction industry: A state of the art</i></p> <p>Li Yuan, Wilfrid Azan: <i>Blockchain-based Traceability: A bibliometric and lexicometric analysis for knowledge graph</i></p> <p>Wilfrid Azan, Pierre Valiorgue, Yuan Li, Eric Peyrol, Hamda Ben Hadid, Fernando Mendoza Miranda: <i>Proposal for an integrative performance framework based on Distributed Ledger Technology dedicated to higher education students entering the labor market</i></p> <p>Bettina Schneider, Wilfrid Azan: <i>Perceptions and Misconceptions of Blockchain: The Potential of Applying Threshold Concept Theory</i></p> <p>Manal Hader, Abderrahman El-Mhamedi, David Tchoffa, Parisa Ghodous, Abdellah Abouabdellah, Essaoudi Moncif: <i>Optimisation of Procure to Pay process through Blockchain technology. Case of Textile Sector</i></p>
9:50 am 10:10 am	Coffee Break
10:10 am 11:05 am	Keynote Lecture: Prof. Sorin ZAHARIA, Politehnica University Bucarest
11:05 am 12:05 pm	<p>Paper session 5: Short Food Supply Chain. Challenges and Perspectives Chairs: Sophie Cros, Marie-Laure Baron, Mohamed Charhbili & Claire Capo</p> <p>Emeline Thiesset, Ilias Vlachos: <i>Supply chain resilience in city-region food systems: The case of Paris-Rungis market during the pandemic</i></p> <p>Razan Al-Masri Aoudi, Mohamed Charhbili, Sophie Cros, Marie-Laure Baron: <i>Consumers Relationship with Short Food Supply Chain and Proximity</i></p> <p>Khaoula Bouanane, Youssef Benadada: <i>The Multi-Plant Production Routing Problem with Simultaneous Delivery and Pickup and Recycling, under Carbon Cap & Trade</i></p>
12:05 pm 2:00 pm	Lunch Break

<p>2:00 pm 3:20 pm</p>	<p>Paper session 6: Data-Based approaches and Artificial Intelligence in Logistics 4.0 Chairs: Samia Chehbi-Gamoura & Lyes Benyoucef</p> <p>Fabian Behrendt, Oliver Lehner, Alina Rettmann, Niels Schmidtke, Tim Wollert: <i>Process analysis of a teaching and learning factory environment to demonstrate Industry 4.0 solutions by using the Smart Logistics Zone approach</i></p> <p>Khalil Abbal, Mohammed El Amrani, Youssef Benadada: <i>Multi-level multi-capacitated facility location problem: formulation and resolution</i></p> <p>Abdelhamid Benaini, Achraf Berrajaa, <u>Jaouad Boukachour</u>: <i>GPU computing for the capacitated single allocation hub location problem</i></p> <p>Aicha Ferjani, Amina El Yaagoubi, Yasmina Essaghir, Jaouad Boukachour, Claude Duvallet: <i>Towards the Implementation of Synchronomodality along the Seine Axis</i></p>
<p>3:20 pm 3:40 pm</p>	<p>Coffee Break</p>
<p>5:00 pm 6:30 pm</p>	<p>Social event: Batorama Tour: Strasbourg</p>
<p>7:30pm</p>	<p>Gala Diner Location: Maison Kammerzell restaurant</p>

Friday, July 01, 2022	
9:00 am 10:40 am	<p>Paper session 7: SCM in Air Transport Chair: Sorin Zaharia</p> <p>Adina Pavel, Sorin Eugen Zaharia, Steliana Toma: <i>Building Sustainable Relationships between Educational Providers and Supply Chain and Logistics Sector. Case study: Air Transport Industry</i></p> <p>Laurence Frank: <i>Moving People and Goods with Future Mobility Devices. The Challenge of Adaptive Transport Infrastructures</i></p> <p>Abidar Youssef: <i>Aircraft spare parts based additive manufacturing (presented by Chaabaane Amin)</i></p> <p>Sorin Eugen Zaharia, Casandra Venera Pietreanu, Mihai Cristian Flaminzeanu: <i>Air Cargo Transport development in Central and Eastern Europe and Baltic countries</i></p> <p>Eduardo Carbajal López, Ivana Rasovska, Virginie Goepp, François Marmier: <i>Gate Assignment and Fleet Sizing of Apron Buses including social distancing metrics in an international airport using discrete event simulation</i></p>
10:40 am 10:55 am	Coffee Break
10:55 am 11:45 pm	Keynote Lecture: Prof. Julien PENIN
12:00 pm 1:45 pm	Lunch Break
2:00 pm 3:40 pm	<p>Paper session 8: Supply Chain Optimisation Methods & Tools Chair: Jaouad Boukachour</p> <p>Bourzik Mohammed, Ahmed El Hilali Alaoui: <i>The Optimal Location of the Entry and Exit Gates of the Dynamic Wireless Charging Transmitter of the Electric Vehicles on the Highway</i></p> <p>Hajar Bideq, Khaoula Ouaddi, Agnès Gorge, Rachid Ellaia: <i>A real-world Employee Bus Routing Problem application with mixed loads</i></p> <p>Salma Makboul, Said Kharraja, Ahmed El Hilali Alaoui: <i>A Hybrid Metaheuristic to Solving the Master Surgical Schedule under Downstream beds Capacity</i></p> <p>Yusra Bouleft, Ahmed El Hilali Alaoui: <i>Multi-compartment vehicle routing problem for waste collection in smart cities</i></p> <p>Hassane Elbaz, Mohammed Bourzik, Ahmed El Hilali Alaoui: <i>Electrical Infrastructure Planning of Dynamic and Static Charging of Electric Vehicles Considering Battery Lifetime</i></p>
3:40 pm	Coffee Break
3:50 pm 4:00 pm	Closing of the conference