



## **Building a Resilient Future**

**WEDNESDAY JUNE 1**

9.00 – 17.00 REGISTRATION

**9.00 – 12.30: STUDENT COMPETITION – Salah E. Elmaghraby's Award**

9.00 – 9.30: **Ludwig Dumetz** - ATP vs CTP policies in co-production context: the winner is not always the expected one

9.30 – 10.00: **Nicolas Lenoble** - Optimization of order batching in a picking system with a Vertical Lift Module

10.00 – 10.30: **Sihem Ben Jouida** - A Game-theoretic Approach for Coalitions Formation in a Collaborative Inventory-Distribution problem

10.30 – 11.00: Coffee break

11.00 – 11.30: **Helia Sohrabi** - On Comparing Dedicated and Hyperconnected Distribution Systems: An Optimization-Based Approach

11.30 – 12.00: **Daniel Merchan** - Transshipment Networks for Last-Mile Delivery in Congested Urban Areas

12.00 – 12.30: **Dua Weraikat** - Improving Sustainability in a Two-level Pharmaceutical Supply Chain through Vendor-Managed Inventory System

**El Houssaine Aghezzaf**

12.30 – 13.45 Student competition Meeting

14.00 -14.30 Welcome Speech

14.30 – 15.30 Plenary session

**James B. Rice, Jr.**

**Deputy Director of the MIT Center for Transportation and Logistics, Massachusetts Institute of Technology, U.S.A.**

**«Quantifying Supply Chain Resilience»**

**Walid Klibi**

15.30 – 16.00 Coffee break

	1102	1104	1105	1107	1108
16.00 – 18.30	<p><b>Healthcare and Humanitarian Supply Chains</b> <i>Nico Vandaele</i></p> <p>Improving Sustainability in a Two-level Pharmaceutical Supply Chain through Vendor-Managed Inventory System <i>Dua Weraikat, Masoumeh Kazemi Zanjani and Nadia Lehoux</i></p> <p>An implementation of a decision model: A national and international relief operation comparison <i>Krittiya Saksrisathaporn and Napaporn Reeveerakul</i></p> <p>A prospective study on the analysis of risks associated with medicines supply chain in Morocco <i>Touria Benazzouz, Abdelwahed Echchatbi and Abdelkabar Charkaoui</i></p> <p>Performance evaluation of a supply chain design by the integration of production capacity into the guaranteed service approach <i>Stef Lemmens, Catherine Decouttere, Nico Vandaele and Mauro Bernuzzi</i></p>	<p><b>Supply Chain Quality Management I</b> <i>Jose Benedito Sacomano</i></p> <p>Selecting Transport Routes of Grains in Brazil using Fuzzy Logic <i>Emerson Rodolfo Abraham, Rodrigo Carlo Toloi, João Gilberto Mendes Dos Reis and Adriane Paulieli Colossetti</i></p> <p>How to improve the logistics issues during crop soybean in Mato Grosso state Brazil? <i>Rodrigo Toloi, João Gilberto Mendes Dos Reis, Oduvaldo Vendrametto, Sivanilza Teixeira Machado and Enio Fernandes Rodrigues</i></p> <p>Information Systems in the Soybean Brazilian Supply Chain: an Analysis from the Trading Companies Perspective <i>Valdir Morales, Oduvaldo Vendrametto, João Gilberto Mendes Dos Reis, Rodrigo Carlo Toloi and Simone Aparecida Canuto</i></p> <p>Quality Economic Losses in Brazil's Pork Industry <i>Sivanilza Teixeira Machado, Irenilza de Alencar Naas, João Gilberto Mendes Dos Reis and Pedro Luiz de Oliveira Costa Neto</i></p> <p>Measuring Passenger Transport Quality by Disutilities <i>Helcio Raymundo and João Gilberto Mendes Dos Reis</i></p>	<p><b>Operations Management</b> <i>Pierre Baptiste</i></p> <p>Assessment of re-planning solutions: distance measurement between schedules <i>Alain Ferrarini, Aline Cauvin and Sebastien Fournier</i></p> <p>Optimization of order batching in a picking system with a Vertical Lift Module <i>Nicolas Lenoble, Yannick Frein and Ramzi Hammami</i></p> <p>A New Model for Supply Chain Quality Management of Hospital Medical Equipment through Game Theory <i>Behnam Malmir, Safoora Dehghani, Farzad Firouzi Jahantigh and Mohammad Najjartabar</i></p> <p>The ConWip Production Control System: a Literature Review <i>Yann Jaegler, Patrick Burlat and Samir Lamouri</i></p> <p>Quality Loss Assessment and An Optimization Approach for Scheduling Fresh Fruit Exporting Operations <i>Damrongpol Kamhangwong, Gilles Neubert and Pradorn Sureephong and Aicha Sekhari</i></p>	<p><b>Design of sustainable supply chains–Metrics and Integration</b> <i>Valerie Botta-Genoulaz</i></p> <p>Classification of Economic, Environmental and Social Factors in Vehicle Loading and Routing Operations <i>Carlos A. Vega-Mejía, Jairo R. Montoya-Torres and Sardar M.N. Islam</i></p> <p>A Net-Zero Carbon Supply Chain Model: Minimizing Cost of Onsite Renewable Energy <i>Tongdan Jin, An Pham, Clara Novoa and Cecilia Temponi</i></p> <p>A Method for Work Teams Setup and Logistics <i>Caio Siquitelli, Bruna Romeiro and José Ribeiro</i></p> <p>Building an operational controlling system for continuous or hybrid supply chains <i>Fenies Pierre, Vincent Giard, Kawtar Retmi and Janah Saadi</i></p> <p>Normalization in product Life Cycle Assessment: use of the new ILCD normalization and consequences on decisions making for the industries <i>Virgile Aymard and Valérie Botta-Genoulaz</i></p>	<p><b>Enabling supply chain integration through effective management of shared resources</b> <i>Fouad Riane</i></p> <p>The challenges to develop the Brazilian automotive supply chain <i>Nivaldo Palmeri, Oduvaldo Vendrametto and João Gilberto Mendes Dos Reis</i></p> <p>Waterways Cargo Transportation: A Comparison between Brazil and the United States <i>Moacir Freitas Junior, Rodrigo Toloi, João Gilberto Mendes Dos Reis and Oduvaldo Vendrametto</i></p> <p>Modularization - Fact-Based Design to Increase "the Room to Maneuver" <i>Bjørnar Henriksen, Camilla Naume and Carl Christian Røstad</i></p> <p>On Analysis of Trust Dynamics in Supply Chain Collaboration <i>Morice Daudi, Jannicke Baalsrud Hauge and Klaus-Dieter Thoben</i></p> <p>Scheduling payments optimization to drive working capital performance within a supply chain <i>Fadela Elmiloudi, Fouad Riane and Nikolay Tchernev</i></p>

### 18.30 SCIENTIFIC AND ADVISORY COMMITTEES MEETING

## THURSDAY JUNE 2

9.00 – 17.00: REGISTRATION

9.00 – 10.00 Plenary session

**Thomas Choi**

**Director -Center for Supply Networks ; Harold E. Fearon Eminent Scholar Chair of Purchasing Management, Arizona State University, U.S.A.**

**« Supply Networks and Nexus Supplier Index »**

**Cecilia Temponi**

10.00 – 10.30: Coffee break

	1104	1105	1107	1108	1153
10.30 – 12.30	<p><b>Facility Location I</b> <b>Mozart Menezes</b> Strategic Idling And Dynamic Scheduling In Open-Shop Service Network: Case Study And Analysis <b>Oded Berman, Opher Baron, Dmitry Krass and Jinfu Wang</b> Optimal Transmission Network Topology for Resilient Power Supply <b>Yuriy Zinchenko, Haotian Song and William Rosehart</b> The Risk-Aware Multi-Period Capacitated Plant Location Problem (CPLP-Risk) <b>Iris Heckmann, Stefan Nickel and Francisco Saldanha Da Gama</b> A bilevel non-capacitated location/pricing problem with Hotelling access costs in one-dimensional space <b>Claudio Arbib, Matteo Tonelli and Mustafa C. Pinar</b></p>	<p><b>Forestry and wood transformation Logistics I</b> <b>Jean-Paul Bourrières</b> Procurement Planning of Forestry Industry Supply Chain – A Canadian Application <b>Tamires de Almeida Sfeir, José Eduardo Pécora Junior, Angel Ruiz and Luc Lebel</b> K-means Clustering Based Method for Production Flow Management Facing Rework Disturbances <b>Emmanuel Zimmermann, Mélanie Noyel, Philippe Thomas, Hind Bril El Haouzi and André Thomas</b> A Log-Truck Scheduling Model Applied to a Belgian Forest Company <b>Jean-Sébastien Tancrez</b> Kiln Drying Operation Scheduling with Dynamic Composition of Loading Patterns <b>Philippe Marier, Jonathan Gaudreault and Thomas Noguier</b></p>	<p><b>Sustainability and Waste Management</b> <b>El-Houssaine Aghezzaf</b> A Framework of Strategy Formulation to Improve Competitive Advantage in Sustainable Manufacturers and their Supply Chain <b>Walter Satyro, Jose Benedito Sacomano, Jose Celso Contador and Raymundo Helcio</b> Financial Aspects of Pig Production in Brazil: Case Study in a Farm using Sustainable Management <b>Marcelo Araújo, Sivanilza Machado, Irenilza Nääs, Rodrigo Gonçalves and João Gilberto Reis</b> A Green Ocean Carrier Network Design Problem: Empirical Study on Egyptian Port of Alexandria <b>Lucie Sislian and Anicia Jaegler</b> Designing a Sustainable Waste Management System: The Strategic Planning Model and Related Sustainability Issues <b>Sarah Elsaid and El-Houssaine Aghezzaf</b></p>	<p><b>Decision support for collaborative urban logistics planning and management</b> <b>Jesus Muñuzuri</b> Risk-aware roadmapping for city logistics in 2025 <b>Jasper Bauwens, Ron van Duin, Bert Enserink, Lori Tavasszy and Kam Jzi Wong</b> Viability and potential demand capitation of urban freight tramway systems via demand-supply modelling and cost benefit analysis <b>Jesus Gonzalez-Feliu</b> The perspective of implementing a program of urban mobility in a municipality of São Paulo structured in modern business management techniques <b>Francisco José Santos Milreu, Pedro Luiz De Oliveira Costa Neto, Sergio Luiz Kyrillos, José Benedito Sacomano and André Duarte Stábile</b> Using Delivery Route Characteristics to Estimate Urban Freight Emissions <b>Jesús Muñuzuri, Pablo Cortés, Luis Onieva and José Guadix</b></p>	<p><b>Production and Operations</b> <b>Vincent Giard</b> A DSS approach for heterogeneous parallel machines scheduling with due windows, processor-&amp;-sequence-dependent setup and availability constraints <b>Vincent Giard, Ahlam Azzamouri and Imane Essaadi</b> Assigning operators in a flow shop environment <b>Imène Benkalai, Djamel Rebaine and Pierre Baptiste</b> Meat Supply Chains: How the retailers analyze the influence of consumer behavior in the meat sales? <b>Sivanilza Teixeira Machado, Irenilza de Alencar Nääs, João Gilberto Mendes Dos Reis and Oduvaldo Vendrametto</b> Production capacity commitment approach for surface finishing manufacturers <b>Daniel Kossar, Robert Pellerin and Jean-Marc Frayret</b></p>

12.30 – 13.30 Lunch

13.30 – 14.30 Plenary session

**Arnd Huchzermeier**

**Director - Center for Collaborative Commerce**

**Professor in Production Management**

**WHU – Otto Beisheim School of Management, Germany**

**« Judgmental Demand Forecasting for Direct Sales: Segmentation by Type or Age? »**

**Valérie Botta-Genoulaz**

	1104	1105	1107	1108	1153
14.30 – 16.00	<p><b>Integrated Supply Chain Network Design with Uncertainty</b> <i>Mehdi Amiri-Aref</i></p> <p>Location-Inventory Problem with stochastic demand and lead time <u>Mehdi Amiri-Aref, Walid Klibi and Mohamed Zied Babai</u></p> <p>Production planning optimization in the wood remanufacturing mills using multi-stage stochastic programming <i>Rezvan Rafiei, Luis Antonio De Santa-Eulalia and Mustapha Nourelfath</i></p> <p>An Integrated Location-Inventory Model for Supply Chain Network with Correlated Demand <i>Mohammad Najjartabar, Samar Shetaban and Behnam Malmir</i></p>	<p><b>Forestry and wood transformation Logistics II</b> <i>Jean-Paul Bourrières</i></p> <p>ATP vs CTP policies in co-production context: the winner is not always the expected one <i>Ludwig Dumetz, Jonathan Gaudreault, André Thomas, Nadia Lehoux, Philippe Marier and Hind Bril El-Haouzi</i></p> <p>Decision theaters: a creative approach for participatory planning in the forest sector <i>Tasseda Boukherroub, Sophie D'Amours and Mikael Rönnqvist</i></p> <p>A bi-level decision model for timber transport planning <i>Kamel Moad, Julien François, Jean-Paul Bourrières, Luc Lebel and Morgan Vuillemoz</i></p>	<p><b>Robust sustainable supply chain management</b> <i>Masoumeh Kazemi Zanjani</i></p> <p>Lumber supply chain tactical planning under demand and supply uncertainty <i>Omid Sanei Bajgiran, Masoumeh Kazemi Zanjani and Mustapha Nourelfath</i></p> <p>Remanufacturing planning under uncertainty: a two-stage stochastic programming approach <i>Céline Gicquel, Safia Kedad-Sidhoum and Dominique Quadri</i></p> <p>A stochastic programming approach for closed-loop supply chain network design under uncertain quality status <i>Mohammad Jeihoonian, Masoumeh Kazemi Zanjani and Michel Gendreau</i></p>	<p><b>Advances in Collaborative Logistics I</b> <i>Sihem Ben Jouida</i></p> <p>Collaborative shipping under different cost-sharing agreements <i>Valeria Padilla Tinoco, Stefan Creemers and Robert Boute</i></p> <p>Production and transportation planning based on a cooperative game approach <i>Yiting Wang, Jean-Christophe Deschamps and Rémy Dupas</i></p> <p>A Game-theoretic Approach for Coalitions Formation in a Collaborative Inventory-Distribution problem <i>Sihem Ben Jouida, Saoussen Krichen and Walid Klibi</i></p>	<p><b>Data-Intensive Analysis and Simulation in Supply Chains I</b> <i>Jesus A. Jimenez</i></p> <p>A Data-Intensive Analysis Augmented Simulation Model of a Distribution Center Operations <i>Jesus Jimenez, Francis Méndez-Mediavilla and Cecilia Temponi</i></p> <p>Exploring Strategies in Integrated Container Terminal Planning Tasks: A Data-intensive Simulation Game Analysis <i>Shalini Kurapati, Heide Lukosch, Scott Cunningham, Jan Kwakkel and Alexander Verbraeck</i></p> <p>An improvement Approach for Bullwhip Effect in Multi-Product and Multi-Stage Supply Chain <i>Mahdi Ghaffari, Nikbaksh Javadian and Fereshteh Narimani</i></p>

16.00 – 16.30: Coffee break

	1104	1105	1107	1108	1153
16.30 – 18.00	<p><b>Facility Location II</b> <i>Mozart Menezes</i></p> <p>Responsive Make-to-Order Supply Chain Network Design <i>Robert Abolian, Oded</i></p>	<p><b>Supply Chain Quality Management II</b> <i>João Gilberto Mendes dos Reis</i></p> <p>Supply Chain Quality Management: a theoretical framework for integration measurement</p>	<p><b>Physical Internet</b> <i>Olivier Labarthe</i></p> <p>Synchromodal Transport: Pre-requisites, Activities and Effects. <u>Prince Singh, Marten van Sinderen</u></p>	<p><b>Advances in Collaborative Logistics II</b> <i>Mario Guajardo</i></p> <p>Coalitions in collaborative forest transportation across multiple areas <u>Patrik Flisberg, Mikael Frisk, Mario</u></p>	<p><b>Data-Intensive Analysis and Simulation in Supply Chains II</b> <i>Jesus A. Jimenez</i></p> <p>Written Press Logistics: How Clustering and Sales Forecasting Can</p>

	<p><b>Berman and Jiamin Wang</b> A Modeling Framework for Stochastic Multi-Period Capacitated Multiple Allocation Hub Location</p> <p><b>Isabel Correia, Stefan Nickel and Francisco Saldanha-Da-Gama</b> Determining routes for an auxiliary fleet in presence of emergencies on a railway line</p> <p><b>Francisco A. Ortega, Juan A. Mesa and Miguel A. Pozo</b></p>	<p><b>Marcio Cardoso Machado, Ana Cristina Fernandes, Paulo Sampaio, Maria Do Sameiro Carvalho, Henriqueta Novoa and Sônia Duarte Silva</b> Quality Management in Supply Networks: The Production Chain of the Baby Fashion Cluster in the State of Parana / Brazil</p> <p><b>Elizangela Maria Menegassi Lima, Jose Benedito Sacomano, Leandro Menezes Souza, Marcus De Melo Braga and Isabela Romanha de Alcantara</b> Innovation In Services On A Logistics Operator And Its Contribution To Efficiency In The Supply Network</p> <p><b>José Jacintho, Dryelle Marquiori, Fabiano Perdigão and Márcia Terra Da Silva</b></p>	<p><b>and Roel Wieringa</b> Holonetic Logistics System: a novel point of view for Physical Internet</p> <p><b>Fouzia Ounnar and Patrick Pujo</b> On Comparing Dedicated and Hyperconnected Distribution Systems: An Optimization-Based Approach</p> <p><b>Helia Sohrabi, Benoit Montreuil and Walid Klibi</b></p>	<p><b>Guajardo and Mikael Rönnqvist</b> The aftermath of implementing collaboration in a network of sawmills: A retrospective analysis on logistics costs</p> <p><b>Patrik Flisberg, Mikael Frisk, Mario Guajardo and Mikael Rönnqvist</b> A Decisional Framework for Concurrent Planning of Multiple Projects and Supply Chain Network</p> <p><b>Shadan Gholizadeh Tayyar, Jacques Lamothe, Lionel Dupont and Jean-Pierre Loustau</b></p>	<p>Levitare an Industry's Distribution</p> <p><b>Asmaa Sabiri, Fouad Riane and Alami Semma</b> Cooperation in manure-based biogas production networks: An agent-based modelling approach</p> <p><b>Devrim Murat Yazan, Luca Fraccascia, Martijn Mes and Henk Zijm</b> Slack Based Revenue Inefficiency Decomposition: An Application to the French Wine sector</p> <p><b>Samah Jradi, Tatiana Bouzdine Chameeva and Juan Aparicio</b></p>
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### 18.30 Welcome Cocktail Bordeaux Town Hall

## FRIDAY JUNE 3 – INDUSTRIAL DAY: WHEN RESEARCH MEETS INDUSTRY

9.00 – 17.00: REGISTRATION

9.00 – 11.45 Plenary session and Round table 1 (Including a Coffee break: 10.15 – 10.30)

«Software Defined Digital SCM is moving to PEM (Platform Ecosystem Management) »

Animated by: **Shoumen Palit Austin Datta**

Senior Vice President for the Industrial Internet Consortium (IIC), [Research Affiliate](#), Massachusetts Institute of Technology, U.S.A.

Experts Panel

**Joseph J Salvo**, Director, GE Global Research; Co-Founder, Industrial Internet Consortium

**Alicia Asin Perez**, Co-Founder & CEO, Libelium

**Veena Pureswaran**, Global Electronics Industry Leader, IBM Institute for Business Value.

11.45 – 13.15	Contributed Industrial session <b>1153</b>	<b>1108</b>	<b>1110</b>	<b>1111</b>	<b>1112</b>
	The Interconnected Era in Logistics <b>Olivier Labarthe</b> A Real-Time Monitoring Service	Supply Chain Quality Management III <b>Helcio Raymundo</b> How the Quality of Cargo Railways	Demand forecasting and estimation for smart sustainable urban logistics	Building Resilient Supply Chains I <b>Iris Heckmann</b>	Data-Intensive Analysis and Simulation in Supply Chains III <b>Jesus A. Jimenez</b>

	<p>based on Industrial Internet of Things to manage agrifood logistics <b>Natalia Trapani, Marco Toja and Federico Capello</b></p> <p>Data sharing requirements of supply – and logistics innovations – towards a maturity model <b>Wout Hofman</b></p> <p>Exploring mobility networks inter-connectivity for an on-demand transshipment of goods in urban areas <b>Ezzeddine Fatnassi, Walid Klibi, Jean-Christophe Deschamps and Olivier Labarthe</b></p>	<p>Transportation Service effects the Competitiveness of Piauí state Brazil <b>Jose Alberto Alencar Luz, Joao Gilberto Mendes Reis and Jorge Luiz De Macedo</b></p> <p>Information Systems in Supply Chain: A Study of the Furniture Cluster in the State of Parana, Brazil <b>Elizangela Maria Menegassi de Lima, Jose Benedito Sacomano, Cristina Correa de Oliveira, Priscila Faccioli Tavares, Nelio Fernando Dos Reis, Joao Gilberto Mendes Dos Reis and Jair Minoro Abe</b></p> <p>Relationship between Governance Instruments and Quality on Supply Networks: A Theoretical Proposal <b>Marcio Machado, Saturnina A Da Silva, Oswaldo de Souza, Jeane A Menequeli and Carlos Eduardo Santos</b></p>	<p><b>systems I</b> <b>Ivan Sanchez-Diaz</b></p> <p>Assessing the impacts of goods deliveries’ double line parking on the overall traffic under realistic conditions <b>Clélia Lopez, Jesus Gonzalez-Feliu, Nicolas Chiabaut and Ludovic Leclercq</b></p> <p>How can the impact of new practices for supplying households be quantified in urban goods movements? <b>Mathieu Gardrat, Florence Toilier, Daniele Patier and Jean-Louis Routhier</b></p> <p>A theoretical analysis of the cost structure of urban logistics <b>Francois Combes</b></p>	<p>ABM-Based Supply Chain Risk Analysis and Modelling <b>Luca Urciuoli</b></p> <p>Real-time Disruption Management in a Coordinated Supply Chain System with Multiple Suppliers <b>Hawa Hishamuddin, Ruhul Sarker, Daryl Essam</b></p> <p><b>Supply Chain Risk Analysis -- Common Flaws, Core Areas, &amp; Main Tasks</b> <b>Iris Heckmann and Stefan Nickel</b></p>	<p>SimData Toolbox: Simplifying the Analysis and Preparation of Input Data for Supply Chain Simulation <b>Martin Sutter and Thomas Ponsignon</b></p> <p>Port Logistics Simulation Using CPN Tools with Yard Truck and Gantry Crane Configuration <b>Sanghyuck Park, Hyerim Bae and Riska Asriana Sutrisnowati</b></p> <p>An empirical study of Demand-Driven MRP <b>Romain Miclo, Franck Fontanili, Lamothe Jacques, Matthieu Laurus and Bernard Milian</b></p>
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13.15 – 14.15 Lunch

14.15 – 17.00 Plenary session and Round table 2 (Including a Coffee break: 15.30 – 15.45)

**«The Physical Internet: Enabling Efficient and Sustainable Hyperconnected Supply Chains»**

Animated by: **Benoit Montreuil**

Coca-Cola Material Handling & Distribution Chair, and Professor at Stewart School of Industrial & Systems Engineering at Georgia Tech, U.S.A.

Research member-CIRRELT-Interuniversity Research Centre on Enterprise Networks, Logistics and Transportation, Canada

Experts Panel

**Brenda Hambleton**, Chief Strategy & Marketing Officer at ES3

**Sergio Barbarino**, Research Fellow, Procter & Gamble, R&D Supply Network Innovation Center (SNIC)

**Rod Franklin**, Vice Chair of the European Technology Platform ALICE and Professor at Khüne Logistics University.

17.00 – 18.00 Networking break

**18.15 Depart to Gala Dinner at Château Lafitte**



## SATURDAY JUNE 4

9.00 – 10.00 Plenary session

**Klaus-Dieter Thoben**  
**Professor, University of Bremen**

**«Experiences from Applying Cyber-Physical Systems (CPS) in Production and Logistics»**  
**Bruno Vallespir**

10.00 – 10.30: Coffee break

	1107	1108	1110	1111	1112
10.30 – 12.30	<p><b>Auction-based mechanisms for transportation procurement</b>  <b>Monia Rekik</b>  Synchronizing Quay Cranes and Automated Vehicles for Ship Operations by Using a Bidding Procedure  <b>Ivan Kristianto Singgih, Hans-Otto Guenther and Kap Hwan Kim</b>  Bundle-based auction framework for Québec timber allocations  <b>Dua Weraikat, Marc-André Carle, Sophie D'Amours and Mikael Rönnqvist</b>  A two-stage stochastic model for the winner determination problem in transportation procurement auctions  <b>Sami Ben Amor, Walid Klibi and Monia Rekik</b></p>	<p><b>Supply Chain Management</b>  <b>Jacques Lamothe</b>  Enhancing the Firm's Performance Through The Business Process Modeling: A Literature Review.  <b>Najat Toufah, Anicia Jaegler and Kacem Taj</b>  Frameworks for Strategic Fit of Planning Environments. A Case Based Exploratory Study  <b>Sven-Vegard Buer, Jo Wessel Strandhagen, Jan Ola Strandhagen and Erlend Alfnes</b>  The Challenge of the Reverse Logistics of the High Tech After-Sales Equipment: A Comprehensive Study  <b>Pâmela Catherine Florentino Da Silva, Pamella Garcez Massot de Novaes, Fernanda Alves de Araújo, Sergio Luiz Kyrillos and José Benedito Sacomano</b>  A Methodology for Making Offshoring Strategic Decisions in International Logistics  <b>Fabien Peyrol</b></p>	<p><b>Demand forecasting and estimation for smart sustainable urban logistics systems II</b>  <b>Jesus Gonzalez-Feliu</b>  Mining Customer-related Data to Enhance Home Delivery in E-commerce: an experimental study  <b>Shenle Pan, Yufei Han, Bin Qiao, Etta Grover-Silva and Vaggelis Giannikas</b>  Assessing the implications of aggregating data by activity-based categories for urban freight trip generation modeling  <b>Jesus Gonzalez-Feliu, Ivan Sanchez-Diaz and Christian Ambrosini</b>  Data requirements for urban logistics decision support: case of study loading and unloading operations in Bogotá, Colombia  <b>Laura Vanessa Palacios, Jairo Enrique Parra and Wilson Adarme</b>  Decision support system for collaborative freight transportation management: a tool for mixing traditional and green logistics  <b>Guido Perboli, Mariangela Rosano and Luca Gobatto</b></p>	<p><b>Building Resilient Supply Chains II</b>  <b>Walid Klibi</b>  The Design of Flexible Production-Distribution Networks  <b>Soumaya Ben Arbia, Walid Klibi and Atidel B. Hadj-Alouane</b>  A Bi-objective Disruption Recovery Plan with Integrated Production and Distribution Decisions  <b>Ghazaleh Ahmadi and Reza Tavakkoli-Moghaddam</b>  Warehousing Risk Management in Different Industrial Sectors  <b>Sahar El Barky and Maha Morsi</b></p>	<p><b>Forecasting and Inventory Control</b>  <b>Mohamed Zied Babai</b>  A New Multi-Criteria ABC Inventory Classification Model Based on a Simplified Electre III Method and the Continuous Variable Neighborhood Search  <b>Radhouane Douissa and Khaled Jabeur</b>  A Scenario-Based Inventory Optimization Approach for a Multi-Echelon Network Considering Lateral Transshipment  <b>Mehdi Firoozi, Mohamed Zied Babai, Walid Klibi and Yves Ducq</b>  Adaptive machine learning classifiers for the class imbalance problem in ABC inventory classification  <b>Imen Ajili, Talel Ladhari and Mohamed Zied Babai</b>  On the performance of temporal demand aggregation when optimal forecasting is used  <b>Bahman Rostami-Tabar, Mohamed-Zied Babai, Mohammad Ali and John Boylan</b></p>

12.30 – 13.30 Lunch

	1110	1111	1112
13.30 – 15.30	<p><b>Last mile distribution in large metropolitan regions</b>  <i>Hugo Yoshizaki</i></p> <p>The Impact of Last Mile Parking Availability on Commercial Vehicle Costs  <i>Miguel Figliozzi and Chawalit Tipagornwong</i></p> <p>Urban Freight by Rail: A MILP Modeling for Optimizing the Transport of Goods  <i>Walid Behiri, Onur Ozturk and Sana Berraf</i></p> <p>Transshipment Networks for Last-Mile Delivery in Congested Urban Areas  <i>Daniel Merchan and Matthias Winkenbach</i></p> <p>An Evaluation of Environmental Impacts of Different Truck Sizes in Last Mile Distribution in São Paulo City  <i>Nathalia Zambuzzi, Claudio Cunha, Edgar Blanco, Hugo Yoshizaki and Carla Carvalho</i></p> <p>Spatial characteristics of failed and successful E-commerce urban deliveries in Belgian Cities.  <i>Iván Darío Cárdenas Barbosa and Joris Beckers</i></p>	<p><b>Vehicle routing with transshipments</b>  <i>Remy Dupas</i></p> <p>A Study of a Cross-Dock with Predefined Door Assignment and Truck Time Windows Using Petri Net  <i>Lijuan Zhang, Benoit Trouillet and Frédéric Semet</i></p> <p>A multi-operator genetic algorithm for the diversified replenishment problem  <i>Islem Kaabachi, Yahyaoui Hiba, Dekdouk Abdulkader and Saoussen Krichen</i></p> <p>A Column Generation Based Heuristic for the Dial-A-Ride Problem  <i>Nastaran Rahmani, Boris Detienne, Ruslan Sadykov and François Vanderbeck</i></p> <p>Three-dimensional one-to-one pickup and delivery routing problem with loading constraints  <i>Oleksandr Lytvynenko, Oleksij Baranov, Iqor Grebennik and Rémy Dupas</i></p>	<p><b>Global risk management in supply chains</b>  <i>Cecilia Temponi</i></p> <p>Prerequisites for Successful Production Transfers in the Electronics Industry  <i>Maria Flavia Mogos, Erlend Alfnes and Natalia Swahn</i></p> <p>Conceptual Framework of Supply Chain Vulnerability  <i>Lahmar Arij, François Galasso, Lamothe Jacques and Habib Chabchoub</i></p> <p>Analyzing the Lean Manufacturing Challenges to Sustain Flexible Aeronautic Industry  <i>Aicha Amrani, Yves Duçq and Catherine Goetz</i></p> <p>Stacking policy for solving the container stacking problem at a containers terminal.  <i>Chafik Razouk, Youssef Ben Adada and Jaouad Boukachour</i></p>