



International Conference on Information Systems, Logistics and Supply Chain

PROGRAM

Novotel Casa City Center
Rooms "Lis"

*Creating value through green
supply chains*

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20190 Casablanca Maroc
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Tuesday April 13 - 2010

8.30 - 12.00	Frenchspeaking conference about Logistics : <i>Logistique, accélérateur de croissance</i>
8h30-9h00	<i>Accueil</i>
9h00-9h30	<i>Introduction de la conférence</i> , Prof. Fouad Riane, Louvain School of Management, Belgique.
9h30-10h00	<i>Place des plateformes dans le développement de la logistique au Maroc</i> , Prof. Mustapha El Khayat, Président de l'association marocaine de la Logistique, Maroc.
10h00-10h30	<i>Cluster Logistique Rhône Alpes, pour une compétitivité régionale</i> , Prof. Valérie Botta-Genoulaz, INSA Lyon, France
10h30-11h00	Pause Café
11h00-11h30	<i>Logistique, un exemple canadien de collaboration entre l'université, l'industrie et les pouvoirs publics</i> , Prof. Sophie d'Amours, Université Laval, Canada
11h30-12h00	<i>Discussion</i>
12h00	<i>Clôture des travaux</i>
14.00 - 17.30	ILS 2010 Conference Registration
14.00 - 18.00	Student competition: Salah E. Elmaghraby's award
18.00 - 19.00	Meeting of the student competition committee
19.15	Dinner

Wednesday, April 14 – 2010

8.00 - 9.00	Welcome and registration			
8.45 - 9.15	Official welcoming Organizing committee chairs : Pr. Fouad Riane and Nikolaï Tchernev Scientific committee chair : Pr. Valérie Botta-Genoulaz			
9.15 - 10.30	Plenary session: Logistics in activity networks Pr. Salah Elmaghraby Chairman: Pr. El Houssaine Aghezzaf			
10.30 - 11.00	Coffee break			
11.00 - 12.30	<p style="text-align: center;">Supply chain planning and Optimization <i>Jean-Pierre Campagne</i></p> <p style="text-align: center;"><i>Benaïcha Elabassi S., Hadj-Alouane AB., Benjafaar S.</i> Flexibility chaining in location-allocation problems <i>Lotfi M., Houshmand M.</i> Agility evaluation using fuzzy logic in an original equipment manufacturer company <i>Kaddouci A., Zgaya H., Hammadi S., Bretaudeau F.</i> Generic need estimating agents for crisis management</p>	<p style="text-align: center;">Green supply chain management <i>Verter Vedat</i></p> <p style="text-align: center;"><i>Hoën K. M. R. , Tan T. , Fransoo J.C., van Houtum G.J.</i> Modeling of supply mode selection under carbon emission restrictions <i>Nouira Imen, Yannick Frein, Atidel Hadj-Alouane</i> Towards the design of a green supply chain: a literature review and the basis of an optimization model <i>Gharzouzi N., Baptiste P.</i> A method to evaluate the greenhouse gas emissions of a logistic platform: application to a Canadian platform</p>	<p style="text-align: center;">Transportation and distribution management <i>Alain Martel</i></p> <p style="text-align: center;"><i>Goel A.</i> The Impact of Dynamism on Motor Carrier Performance <i>Greasley A., Love D., Assi A.P.</i> Investigating local delivery by road to retail and non-retail customers in the UK logistics sector <i>Zhang Z., Riane F.</i> Transportation of Sludge from Sewage treatment – A planning of its logistic system by integrating green transport mode</p>	<p style="text-align: center;">Simulation techniques and supply chain <i>Lyes Benyoucef</i></p> <p style="text-align: center;"><i>Naciri S., Gobet O., Kant J.D., Yoo M-J., Glardon R.</i> Elicitation of human decision making patterns in supply chains using participatory simulation <i>Hakimi D., Montreuil B., Labarthe O.</i> Supply web agent-based simulation platform <i>Bensmaine A., L. Benyoucef, Z. Sari</i> Intelligent simulator for production-distribution network analysis</p>
12.30 - 14.00				
14.00 - 15.30	<p style="text-align: center;">Supply chain planning and Optimization <i>Vincent Giard</i></p> <p style="text-align: center;"><i>Belmokhtar S., Herrera C., Thomas A.</i> A general approach for hierarchical production planning considering stability <i>Di Martinelly C., Bronfman N.</i> Framework for managing the supply chain risks <i>Suon M., Grangeon N., Norre S., Gourquechon O.</i></p>	<p style="text-align: center;">Green supply chain management <i>Wassila Mtaala</i></p> <p style="text-align: center;"><i>Durand B.</i> Is green logistics changing the trend of inventory centralization? <i>Kenné J-P., Dejax P., Gharbi A.</i> Production control of a hybrid manufacturing/remanufacturing system in reverse logistics <i>Oral M.</i> Green Supply Chain management research: ontological and</p>	<p style="text-align: center;">Shared production systems <i>Valérie Botta-Genoulaz</i></p> <p style="text-align: center;"><i>Lamas A., Chevalier P., Riane F.</i> Lot Sizing problems in a shared production environment <i>Lange J-C., Semal P., Evrard K.</i> Design of a network for the return flows of a multi-type fleet of logistic containers <i>Mlinar T., Chevalier P.</i> Lead time setting in a shared production system</p>	<p style="text-align: center;">Collaboration, Coordination in Supply Chain Management <i>Jacques Lamothe</i></p> <p style="text-align: center;"><i>Grabot B. , Ming Y. , Houé R.</i> From Technical to Human aspect of Coordination in Aeronautical Supply Chains <i>Marquès G., Gourc D., Lamothe J., Thierry C.</i> Collaboration and risk management support in uncertain supply chain context</p>

	A hybrid metaheuristic for a strategic supply chain planning problem with procurement-production-distribution activities and economy of scale	epistemological issues		Huang G. Q., Huang Y. Coordinating suppliers and components selection, pricing and inventory decisions in a multi-level supply chain: a game-theoretic approach
15.30 - 16.00	Coffee break			
16.00- 18.00	<p style="text-align: center;">Supply chain planning and Optimization Pierre Baptiste</p> <p>Bahloul K., Baptiste P., Baboli A., Campagne J.P. A new multi-product ordering policy based on shortage with a probabilistic demand</p> <p>Cheaitou A., van Delft C., Jemai Z., Dallery Y. Two-period production planning and inventory control model with demand forecasts updating</p> <p>Elamraoui A., Manier M.A., Elmoudni A., Benrejeb M. Exact method for solving the n-cyclic hoist scheduling problem with heterogeneous parts</p> <p>Brusset X. Prior investment information and rent distribution</p>	<p style="text-align: center;">Green supply chains: analysis and design Nico Vandaele</p> <p>Aras N., Verter V. On the Benefits of Integrated Network Design for Closed-Loop Supply Chains</p> <p>Colen P., Lambrecht M. Product service systems as a vehicle for sustainability: Exploring service operations strategies</p> <p>Flisberg P., Frisk M., Rönnqvist M. FuelOpt - A decision support system for forest fuel logistics</p> <p>Lieckens K., Vandaele N. Reverse Logistics Network Design: The Impact of Lead Times and Stochasticity</p>	<p style="text-align: center;">Project management Salah E. Elmaghraby</p> <p>Amaral A., Araujo M. Knowledge management framework for project management towards the organizational learning</p> <p>Benmansour R., Elmaghraby S. E., Artiba A., Allaoui H. The Approximation of Distributions by Phase-Type Distributions</p> <p>Tereso A., Barreiro D. , Araújo M. , Elmaghraby S. On The Optimal Resource Allocation in Projects Considering the Time Value of Money</p> <p>Silva H., Tereso A., Oliveira J. On resource complementary in activity networks</p>	
18.00 - 19.00	Meeting of the scientific committee			
19.15	Facultative Dinner			

Thursday, April 15 - 2010

9.00 - 10.00	Plenary session: <i>Modeling the assemble-to-order supply chain</i> Pr. Ton G. de Kok Chairman: Pr. Fouad Riane			
10.00 - 11.00	Industrial session: <i>Driving the business in the crisis storm</i>, M. Pascal Zammit, Michelin Chairman: M. Kurt Weiss			
11.00 - 10.30	Coffee break			
11.30 - 12.30	<p style="text-align: center;">Transportation and distribution management <i>Maria Carvalho</i></p> <p style="text-align: center;"><i>Zouaoui B., Jemai J., El Kamel A., Mellouli K.</i></p> <p style="text-align: center;">Maritime transport logistic chain modelling: the Tunisian navigation company case <i>Malh��n�� N., Breuil D.</i></p> <p style="text-align: center;">Conceptualization of the evolution process of Urban Freight Transport</p>	<p style="text-align: center;">Hospital operations management <i>Christine Di Martinelly</i></p> <p style="text-align: center;"><i>El Azami I., Cherkaoui M.M.O., Tahon C.</i></p> <p style="text-align: center;">Healthcare data exchanges: Towards an XML-based normalization <i>Guinet A., Botta-Genoulaz V.</i></p> <p style="text-align: center;">From manufacturing to health care</p>	<p style="text-align: center;">The logistics of waste management <i>Wout Dullaert</i></p> <p style="text-align: center;"><i>Inghels D., Dullaert W., Verbist B., Heuts R.</i></p> <p style="text-align: center;">Sustainable use of biomass waste flows in Flanders <i>Bouzemrak Y., Allaoui H., Goncalves G., Masson E., Bouchriha H., Baklouti M.</i></p> <p style="text-align: center;">A multimodal supply chain design for recycling fluvial sediments</p>	<p style="text-align: center;">Maintenance management <i>Florence Pirard</i></p> <p style="text-align: center;"><i>Dhouib K., Gharbi A., Belhagi M.</i></p> <p style="text-align: center;">Integrated Simulation Model for Joint Optimal Preventive Maintenance and Economic Spare Provisioning Policy <i>Zaied R. A. , Nawara G. , Abdel-Salam M.</i></p> <p style="text-align: center;">Neural Management Maintenance System Integrated into Manufacturing Systems</p>
12.30 - 14.00	Lunch			
14.00 - 15.30	<p style="text-align: center;">RFID in Logistics and Supply Chains <i>George Huang</i></p> <p style="text-align: center;"><i>Bengoud K., Benmoussa R., Pernelle P.</i></p> <p style="text-align: center;">Toward a services oriented methodology for audit support and integration of PLM systems <i>Hadj Khalifa I., El Kamel A., Barfety B.</i></p> <p style="text-align: center;">Supply chain design for the conception of a real time intelligent navigation system inside hypermarkets <i>Doden N., Ehrhardt I., W��sche M. , Kutzler T.</i></p> <p style="text-align: center;">Potentials for Savings by Implementing RFID and Telematic Technologies in the Timber Supply Chain</p>	<p style="text-align: center;">Sharing resources to make the supply chain more efficient <i>Riad Aggoune</i></p> <p style="text-align: center;"><i>Lange J.-C., Tancrez J.S., Semal P., Strack G., Evrard K.</i></p> <p style="text-align: center;">Should reusable items be accumulated in regional depots? <i>Mlinar T., Lamas A., Chevalier P.</i></p> <p style="text-align: center;">A revenue management approach for shared production systems <i>Vandaele N., Perdu L.</i></p> <p style="text-align: center;">The Stochastic Lot Sizing Problem from a Financial Perspective</p>	<p style="text-align: center;">Sourcing and suppliers selection <i>Cecilia Temponi</i></p> <p style="text-align: center;"><i>Hammami R., Frein Y., Hadj-Alouane A. B.</i></p> <p style="text-align: center;">International supplier selection: Literature review and modeling guidelines <i>Temponi C., Lindstrom M.</i></p> <p style="text-align: center;">Strategic sourcing and supplier performance management - Drivers for corporate competitive advantage <i>Koch C., Tambo T.</i></p> <p style="text-align: center;">Strategic change in Construction Contractor's purchasing organisation and supplier relations</p>	<p style="text-align: center;">Supply Chain design <i>Madalena Araujo</i></p> <p style="text-align: center;"><i>Pinho T., Telhada J., Carvalho M.</i></p> <p style="text-align: center;">Conceptual Model of the Construction Logistics Network - Case Study <i>Vik P., Dias L., Pereira G., Oliveira J.</i></p> <p style="text-align: center;">Improving Production and Internal Logistics Systems - An Integrated Approach Using CAD and Simulation <i>Hosseini S., Farahani R.Z., Dullaert W., Raa B.</i></p> <p style="text-align: center;">A robust optimization model for production-distribution network design under uncertainty</p>
15.30 - 16.00	Coffee break			

<p>16.00 - 18.00</p>	<p>ERP systems and supply chain Robert Pellerin</p> <p>Pellerin R., Hajji A., Gharbi A. Integration of production and replenishment execution strategy in ERP systems</p> <p>Naciri M., Benmoussa R. Intelligent platform for the deployment of the process approach in supply chain</p> <p>Tambo T. Automated business processes in outbound logistics: an information system perspective</p> <p>Mamoghli S., Botta-Genoulaz V., Goepf V. An algorithm for the identification of ERP systems misalignment</p>	<p>Food Chain management and organization Vincent Hovelaque</p> <p>Pan S., Ballot E., Fontane F. Environmental and economic challenges regarding the pooling of the supply chains of small businesses: a look at the food industry in Western France</p> <p>Hammoudi H., N'Guyen H., Soler L.G., Hovelaque V. Monitoring admixture and contamination risks in the food chains</p> <p>Hollingsworth A. Rising global prices: impact on the food supply chain</p> <p>Tamayo S., Monteiro T., Sauer N. Sanitary risk detection for a safer food chain management</p>	<p>Transportation and vehicle routing Nikolay Tchernev</p> <p>Haj-Rachid M., Ramdane-Cherif W., Chatonnay P., Bloch C. A study of performance on crossover and mutation operators for vehicle routing problem</p> <p>Mar-Ortiz J., Adenso-Díaz B., González-Velarde J.L. Vehicle Routing in WEEE Reverse Logistics</p> <p>Dabia S., Van Woensel T., De Kok T. A Dynamic Programming Approach to Multi-Objective Time-Dependent Capacitated Single Vehicle Routing Problems with Time Windows</p> <p>Chardy M., Klopfenstein O. Handling uncertainties in vehicle routing problems through data preprocessing</p>	<p>Supply Chain Management under uncertainty Mustapha Nour El Fath</p> <p>Boulaksil Y., Fransoo J.C., Tan T. Capacity reservation and utilization for a manufacturer with uncertain capacity and demand</p> <p>Bouchard M., Ouhimmou M., Nourelfath M. Robust network design under demand uncertainty</p> <p>Ouhimmou M., Fortin M., Maily D., D'Amours S., Raulier F. A robust programming approach for determining optimal timber harvest level under uncertainty</p> <p>Nechval N. A., Nechval K. N., Purgailis M., Berzins G., Danovics V., Prediction model selection and spare parts ordering policy for efficient support of equipment maintenance under uncertainty</p>
<p>19.15</p>	<p style="text-align: center;">Gala dinner</p>			

Friday, April 16 - 2010

9.30 - 10.30	<p>Plenary session: <i>When the supply chain gets greener!</i> Pr. Sophie D'Amours Chair: Pr. Valérie Botta-Genoulaz</p>			
10.30 - 11.30	<p>Plenary session: <i>Contemporary Defense Supply Chain Challenges</i> Pr. Keenan D. Yoho Chairman: Pr. Nikolay Tchernev</p>			
11.30 - 12.00	<p>Best paper of the student competition - Professor Salah E. Elmaghraby's award Chair: Pr. Cecilia Temponi</p>			
12.00 - 14.00	Lunch			
14.00 - 15.30	<p>RFID in Logistics and Supply Chains <i>George Q. Huang</i></p> <p><i>Willems P., Macharis C., Pinjala S.K., Waeyenbergh G., Hippler M.</i> Managing total asset visibility using ICT for an optimised and more sustainable supply chain performance</p> <p><i>Fang M.J., Huang G., Zhang Y.F.</i> RFID-Enabled complex event processing application framework on manufacturing</p> <p><i>Wu Sou-shan, M-Y. Cheng, Y-S Lin, T-Y. Hsiao</i> Designing and developing a resource logic strategy - integrating dynamic and IC perspectives</p>	<p>Hospital operations management <i>Alain Guinet</i></p> <p><i>Roland B., Riane F.</i> When OR techniques help Ors management</p> <p><i>Huet J-C., Kouiss K., Paris J-L., Gourgand M.</i> Modeling of the interaction between medication-use process and hospital information system</p> <p><i>Pradenas L., Vidal F.</i> Solution algorithm for a surgery scheduling and surgeon assignment problem in a Public Hospital</p>	<p>Supply Chain Management under uncertainty <i>Mustapha Nour El Fath</i></p> <p><i>Liberatore F., Scaparra M.P.</i> Models of optimization under uncertainty for reducing logistic systems vulnerabilities</p> <p><i>Kazemi Zanjani M., Nourelfath M., Ait-Kadi D.</i> A scenario updating heuristic for a mixed-integer production planning model with random yield and demand</p> <p><i>Martel A., Benmoussa A., Ezzedine I., Klibi W., Berger J., Boukhtouta A., Chouinard M., Girard S., Kettani O.</i> Military Missions Scenario Generation for the Design of Logistics Support Networks</p>	<p>Handling systems and Warehouse management <i>Guilherme Pereira</i></p> <p><i>Geraldes C., Carvalho S., Pereira G.</i> Operational Research models in warehouse design and planning</p> <p><i>Henn S.</i> Algorithms for On-line Order-Picking Warehouse</p> <p><i>Tarau A.N., De Schutter B., Hellendoorn J.</i> DCV route control in baggage handling systems using a hierarchical control architecture and mixed integer linear programming</p>
15.30 - 16.00	Coffee break			
16.00 - 18.00	<p>Sustainable Supply Chain <i>Eric Ballot</i></p> <p><i>Sawadogo M., Anciaux D.</i> Reducing the environmental impacts of intermodal transportation: a multi-criteria analysis based on ELECTRE and AHP methods</p> <p><i>Chaabane A., Ramudhin A., Paquet M.</i> Design of sustainable supply chains</p>	<p>Green supply chain management <i>Wassila Mtalaa</i></p> <p><i>Camisullis C., Giard V., Mendy-Bilek G.</i> The causes and determination of safety stocks in the upstream supply chains dedicated for mass production of customized products</p> <p><i>Camisullis C., Giard V., Mendy-Bilek G.</i> The information to share in upstream</p>	<p>Integrated Distribution Logistics and Supply Networks Coordination <i>Birger Raa</i></p> <p><i>Raa B., Dullaert W.</i> The value of flexibility in aggregate production-distribution planning</p> <p><i>Sitompul C., Aghezzaf E.-H</i> A robust supply chain planning: an integrated hierarchical approach</p>	<p>Inventory management and supply chain <i>James Rappold</i></p> <p><i>Rappold J. A., Yoho K. D.</i> Customer Service, Lost Sales, and Inventory Consequences of Offshoring Supply</p> <p><i>Tlili M., Moalla M., Bahroun Z., Campagne J-P.</i></p>

	<p>under the emission trading scheme Morana J., Gonzales-Feliu J. Sustainable supply Chain Management in city logistics solutions: the experience's learnings from Cityporto Padua (Italy) Chardine-Baumann E., Botta-Genoulaz V. A multi-criteria decision-making approach for selecting supply chain management practices according to sustainable development issues</p>	<p>supply chains dedicated to mass production of customized products for allowing a decentralized management Santa-Eulalia L.A., Araujo J.B., Kettani O., Franciosi L.A., Azevedo R.C., Bremer C.F. An essay on green supply chain design and dynamic alignment Sturm N.W.M., Kolfschoten G.L., Verbraeck A., Sol H.G. Anchoring expertise in the logistic planning process: a design science study</p>	<p>Jebali A., Arfaoui J. An integrated model for the inventory routing problem in textile-apparel distribution network Ballot E., Segrestin B. A model of customer indecision to explain the supply chain of car retailing</p>	<p>The transshipment problem in a multi-echelon inventory system with lost sales de Kok T., Kohler-Gudum C. A safety stock adjustment procedure to enable target service levels in simulation of generic inventory systems Rappold J. A., Yoho K. D. Optimal Safety Stock Levels for Stable Production Cycles in the Process Industries</p>
19.15	Dinner			

Saturday, April 17 - 2010
Visit of El Jadida
See the social program