

2011 4th International Conference on Logistics

May 31, June 1-3, 2011 – Hammamet - Tunisia



LOGISTIQUA'2011

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IMPORTANT DATES

January 17, 2011 : Deadline for submission papers
March 1, 2011 : Notification of acceptance
March 14, 2011 : Deadline for submission of camera-ready papers
April 02, 2011 : Deadline for author registration



"LOGISTIQUA 2011"

4th International Conference on Logistics
20-22 May 2011 Hammamet, Tunisia

Call for Papers

The fourth edition (LOGISTIQUA 2011) of the international conference on logistics will be held, under IEEE standards, in Hammamet, Tunisia. Hammamet is one of the pearls of Tunisian eastern coasts famous for its traditional and modern wealth. LOGISTIQUA 2011 will cover various fields of logistics and supply chain management. Research topics, applications, and case studies. LOGISTIQUA 2011 is Technically co-sponsored by the IEEE Industry Applications Tunisia Chapter, IEEE Robotics and Automation Tunisia Chapter, IEEE Aerospace and Electronic Systems Tunisia Chapter, IEEE Systems, man, and cybernetics Tunisia Chapter.

LOGISTIQUA 2011 is organized by the National School of Engineers of Sfax (ENIS), Sfax - Tunisia (<http://www.enis.mu.tn/>), REGIM (www.regim.org), LOGIQ & GIAD (<http://www.logiq-giad.org>), ASARIT (Scientific Association for the Support of Research and Technological Innovation), IEEE ENIS Student Branch and co-organized by University Mohamed Ben Abdallah of Fes. LOGISTIQUA 2011 is supported by CEMUR (Coopération Europe Maghreb des Universités en Réseau)

LOGISTIQUA 2011 conference series aims to bring together researchers and practitioners to discuss issues, challenges and future directions, share their R&D findings and experiences in the following areas:

Logistics & Supply Chain Management (LSCM)

Chairs : Hugues Mollet (FR) & Gilles Neubert (FR)

Logistics Planning; Freight Forwarding and Customs Clearance; Venue Logistics Management; Warehouse and Distribution; Transportation Management Systems; Reverse Logistics; Logistics Visibility and Control; Procurement; Supply Chain Collaboration; Supply Chain Process; Logistic Network, etc.

Information & Communications Technology and Systems (ICTS)

Chairs : Cyril Bertel (FR) & Aziz Bouras (FR)

ICTS Services Design and Management; ICTS Services Standards, Locating, Composition and Bundling; Process Modeling, Augmentation, and Automation; Real Time Identification & Tracking; Pervasive and Ubiquitous Computing in Logistics; Decision Support Systems; Software Agent Based Systems; RFID; Data Warehousing and Data/Web Mining; Business Intelligence; Systems Interoperability and Integration; Information Security; IT Project Management; Information Management in Construction Project, etc.

Engineering, Operations & Innovations (EOI)

Chairs : Hakim Artiba (FR) & Mohamed Abid (TN)

Service Planning and Design; Service Process Engineering; Expedited Services and Extreme Logistics; Healthcare Systems; Financial Services; Retail and Services Management; Quality and Customer Satisfaction; Metrics and Benchmarks; Security & Safety-Related Services and Management; Contingency Planning; Production Engineering; Intelligent traffic; Engineering Consulting, etc.

Intelligent Transportation Systems (ITS)

Chairs : Said Hayat (FR) & Mongi Kherallah (TN)

Status and Development Trend of ITS; Next Generation Communication Network and Intelligent Transportation; Transportation Data Collection and Processing; Traffic Signal Control Technology; Vehicle Routing & Scheduling; Road Traffic Engineering; Transportation Planning and System Optimization; Public Transportation System; Intelligence Theory and its Application; Optimization of The Port; Monitoring and Evaluation of Road Safety Situation; Traffic Analysis, Simulation and Forecasting; Traffic Flow; Models with Applications Spatial-Temporal Traffic Pattern Recognition; Location Based Services and Mobile Applications, etc.

Modeling and Simulation in Logistics & Supply Chains (MSLSC)

Chairs : Foued Riane (BG) & Mourad Abed (FR)

Production and Material Flows; Logistics Process Control; Batch Tracking and Tracing; Reverse Logistics & Facility Planning; Warehouse-Transport Interfaces; Supply Chain Design, Optimization and Operation; Revenue Management and Enhancement; Responding to and Reducing Supply Chain Performance Variance; Management and Amelioration of Uncertainty; Analysis of Sourcing and Pricing Decisions; Achievement of Lean Logistics within Supply Chains, etc.

Optimization and Logistics Challenges (OLC)

Chairs : Adnène Yacine (FR) & Taycir Loulik (TN)

Supply Chain and Logistics Challenges in the Enterprise; Supply Chain Optimization; Planning and Scheduling; Advances in Optimization Models; Algorithms & Platforms; Inventory Management; Enterprise-Wide Optimization; Transportation, Logistics & Distribution Networks; Inventory Management; Process Operations and Scheduling, etc.

Aerospace - Logistics (AE-LO)

Chairs : Alim Rustem Aslan (TR) & Ali Garsallah (TN)

Aerospace Industry; Spares Support; Maintenance; Space Technologies for Peace and Security; Earth Observation; Development of Space Vehicles; Small Satellites, New Systems for Various Spacecraft Functions Including Attitude Determination and Control, Power Management, Remote Sensing, etc.
New Space Communication Techniques; Space Law; Benefits Of Information Available From Space (Social, Educational And Others), etc.

Robotics - Logistics (RO-LO)

Chairs : Elbacha Abdelhedi (MA) & Hanène Bouchriha (TN)

Challenges for Automation of Logistic Processes; Applications of Industrial Robot-Technologies; Unloading/Loading of Goods; Palletizing/Depalletizing of Goods; Multi-Axis Robot Arms; Supply Chain Management; Handling of Deformable Piece Goods; Robotic Distribution System; Maximization of The up-Time and the Productivity; Industrial Requirements; Random Access to all Locations in The Warehouse; Simultaneous Picking and Putaway; Collaborative Manufacturing; Intelligent Production Memory used in Logistic Chains, etc.



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Tuesday, May 31, 2011

8h00 - 9h00	Registration		
9h00 - 10h00	<p align="center">Opening Remarks Refaat Chaabouni, Minister of Higher Education and Scientific Research Hamed Bendhia, President of University of Sfax Mohammed Marzak, President of CEMUR</p>		
10h00-11h00	<p align="center">Keynote #1 Speaker: Yves Ravalard (University of Valenciennes, France) Transport Policy Research , The pole of competitiveness I-Trans Chairs: Abdelhakim Artiba, Mourad Abed</p>		
11h00-11h30	Coffee Break		
11h30 - 12h30	<p align="center">Keynote #2 Speaker: Hugues Molet (Mines ParisTech Graduate School, France) Mutations in the management and logistics during the past 20 years Chairs: Habib Chabchoub & Abdelhakim Artiba</p>		
12h30 - 14h00	Lunch		
14h00 - 15h00	<p align="center">Keynote #3 Speaker: Camille Galap (University of Le Havre, France) Nov@log : The pole of competitiveness in Logistics Chairs: Hamed Bendhia & Abdellatif Benabdelhafid</p>		
15h00 - 16h40	<p align="center">Intelligent Transport System Chairs: Claude Lorgeau & Mohammed Marzak</p>	<p align="center">Optimization and Logistics Challenges Chairs: Taycir Loukil & Souhail Dhouib</p>	<p align="center">Industrial Session</p>
15h00	<p><i>Marine Fleet Allocation Using Data Mining Techniques</i> Mohamed Haykal Ammar, Samir Ben Hafssia, Youssef Masmoudi , Habib Chabchoub</p>	<p><i>Multicriteria method for a site selection of a new hospital in Sfax</i> Wissem Ennouri, Ahmed Frikha, Mounir Benaissa</p>	<p align="center">Training and Demonstration Platforms GS1</p>
15h20	<p><i>Regulated Monopolies Frontier and Cost Efficiency of Tunisian Public Transport</i> Rafea Mraih</p>	<p>On the performance of artificial ant colony to solve the dynamic vehicle routing problem Jalel Euch , Yassine Adnan, Habib Chabchoub</p>	
15h40	<p><i>An urban traffic controller for signposted road-rail intersections</i></p>	<p><i>New modelling and exact method for aircraft arrival sequencing and scheduling</i></p>	

	Sabeur Elkosantini, Salima Mnif, Habib Chabchoub	Ihsen Farah, Ali Kansou, Adnan Yassine, Thierry Galinho	
16h00	<i>Integration of communication systems for a railroad smart wagon</i> Joffrey Clarhaut, Said Hayat, Hamza Tahiri	<i>A 0-1 Linear Programming Formulation for the Berth Assignment Problem</i> Serigne Gueye, Sophie Michel, Adnan Yassine	
16h20	<i>A Multi-level Graph Coloring Approach for the Bus Driver's Timetables: A Real Case Study of the Public Transport of Sfax</i> Mouna Mnif, Youssef Masmoudi, Habib Chabchoub	<i>Scheduling of Lifting Vehicles with Time Windows in an Automated Port Container Terminal</i> Riadh Moussi, Adnan Yassine, Ali Kansou, Thierry Galinho	
16h40-17h10	Coffee Break		
17h10-19h00	Optimization and Logistics Challenges Chairs: Adnan Yassine & Ahmed Frikha	Logistics & Supply Chain Management Chairs: Hugues Molet & Mohamed Mahjoub Dhiab	
17h10	<i>Remanufacturing Planning With Imprecise Quality Inputs through the Goal Programming and the Satisfaction Functions</i> Mouna Mezghani, Taicir Loukil	<i>Logistics collaboration in the pharmaceutical sector in Morocco: What information to share? Study of the relation Laboratory - Distributor</i> Younes Mounir, Ouafae Zerouli Ouariti	
17h30	<i>Quadratic Fractional Programming problem with integer variables</i> Nacera Maachou, Mustapha Moulai	<i>Sterilization, good service key to patient support Analysis and Issues</i> Amal Zerouli Ouariti, Abdelaziz Bendou	
17h50	<i>A combined AHP-GP model for nurse</i> Jihene Jlassi, Abederrahman El Mhamedi, Habib Chabchoub	<i>Three-Dimensional Bin Packing Problem with variable bin length Application in industrial storage problem</i> Salma Mezghani, Ahmed Frikha	
18h10	<i>Vehicle Routing Problem in real case application</i> Imen Abbas, Chafik Abid, Habib Chabchoub, Mohamed Mahjoub Dhiab	<i>Sustainability Metrics for a Supply Chain: The Case of Small and Medium Enterprises</i> Houda Mehri, Said Toumi	
18h30	<i>A production model to reduce Batch dispersion and optimize traceability</i> Lobna Kallel, Mounir Benaissa	<i>Renovation of a distribution network of poultry products: Application in the city of Tlemcen (Algeria)</i> Fethi Boudahri, Zaki Sari, Mohammed Bennekrouf	
20h00	Dinner		
Wednesday, June 1, 2011			
8h00-9h00	Registration		
9h00-10h00	Keynote #4 Speaker: Arnaud Fréville (University of Valenciennes, France) Education and Research Politics in France, Regional Council Nord-Pas-de Calais Chairs: Daniel Jolly, Abdelhakim Artiba		
10h00-10h30	Coffee Break		
10h30-12h30	Optimization and Logistics Challenges Chairs: Adnan Yassine & Mahdi Khmakem	Logistics & Supply Chain Management Chairs: Fouad Jawab & Abderrazak Elhiri	Industrial Session
10h30	<i>A Multi Start Adaptive Variable Neighborhood Search Metaheuristic for the Aircraft Landing Problem</i> Souhail Dhoub	<i>Supply Chain Management (SCM) Approaches and planning</i> Zina Akkouri, Habib Chabchoub	
10h50	<i>Determination of the inventory policies parameters applied within VMI approach</i>	<i>A Risk Control Method in the Hospital Environment</i> Sawsen Maalej, Habib Chabchoub	

	Amel Ben Mabrouk ,Sondes Hammami ,Imen Chaieb Memmi		Training and Demonstration Platforms WideHouse
11h10	<i>Design factors analysis for instances of Rich Vehicle Routing Problem</i> Rahma Lahyani, Mahdi khemakhem, Habib Chabchoub, Frederic Semet	<i>Analysis of Inventory Management in Small Business Auto Parts</i> Nicolle da Silva,Paulo Cesar Chagas Rodrigues	
11h30	<i>A Bi-phase Approach for the Combined Production and Distribution Problem</i> Nejah Ben Mabrouk ,Bassem Jarboui , Mansour Eddaly, Habib Chabchoub	<i>Outsourcing logistics: strategic tools for decision to outsource logistic activities</i> Jabir Arif, Fouad Jawab	
11h50	<i>Study of a real-life Joint Raw material delivery and lot sizing problem</i> Imen Chaieb Memmi, Sondes Hammami	<i>The Influence of Production Systems in Postponement Make-to-Stock Company in the Graphic Industry</i> Paulo Cesar Chagas Rodrigues ,Fernando Augusto Silva Marins, Fernando Bernardi de Souza	
12h30 - 14h00	Lunch		
15h00	Walking tour of Cap Bon		
20h00	Dinner		
Thursday, June 2, 2011			
8h00-9h00	Registration		
9h00-10h00	Keynote #5 Speakers: Hakim Artiba & Hamid Allaoui (University of Valenciennes & University of Artois, France) Recent trends in operations scheduling Chairs: Claude Lurgeau & Hugues Molet		
10h00-10h30	Coffee Break		
10h30-12h30	Modeling and Simulation in Logistics & Supply Chains Chairs: Gilles Neubert & Ridha Derrouiche	Logistics & Supply Chain Management Chairs: Said Hayet & Ouafae Zerouli	
10h30	<i>State of the Art of Enterprise Modeling</i> Mouna Rahmouni , Mohamed Najeh Lakhoua	<i>Improving Airline Operational Performance through Synergy between Internal and External Suppliers</i> Yudi Fernando, Mahmud Sabri , Norizan Saad,Suhaiza Zailani	
10h50	<i>A comparative study of lot sizing problem in MTO supply chain based on simulation optimization approach</i> Ahmed Ammeri, Wafik Hachicha, Faouzi Masmoudi, Habib Chabchoub	<i>Modeling and simulation of hospital supply chain: state of art and research perspectives</i> Imane Ibn El Farouk , Abdennebi Talbi, Fouad Jawab	
11h10	<i>A Neural Network-based simulation metamodel for a process parameters optimization: A case study</i> Mariam Triki, Wafik Hachicha, Habib Chabchoub	<i>A Study on the Relationship between Service Supply Chain Practices with Logistics Service Effectiveness</i> Kavigtha Mohan , Suhaiza Zailani	
11h30	<i>Optimal RSOM-hub Locations for Canadian Forces Northern Operations</i>	<i>Logistics Outsourcing Decision in the Tunisian Companies</i> Fatma Chaabouni, Mohamed Mahjoub Dhiaf	

	Ahmed Ghanmi	
11h50	<i>Risks Management in the Downstream Pharmaceutical Supply Chain: A study on the Teaching Hospital Habib Bourguiba Sfax</i> Hatem elleuch ,Habib Chabchoub	<i>Transport intensity and energy efficiency: analysis of coupling and decoupling policies implications</i> Rafaa Mraïhi, Ismail Houarbi
12h30 - 14h00	Lunch	
14h00 - 15h00	Keynote #6 Speaker: Claude Lurgeau (Mines ParisTech Graduate School, France) New priorities for deploying safe, smart and clean road mobility Chairs: Mohammed Marzak & Fouad Jawab	
15h00 - 17h00	Information & Communications Technology and Systems Chairs: Mourad Abed & Chokri BenAmar	Modeling and Simulation in Logistics & Supply Chains Chairs: Abdelaziz Bouras & Abdellaif Benabdelhafid
15h00	<i>Intelligent framework for traceability of containerized goods</i> Imen Charfeddine, Mounir Benaïssa, Majed Abdouli	<i>Optimal Design of Two Levels Reverse Logistic Supply Chain by Considering the Uncertain Quantity of Collected Multi-products</i> Mohammed Bennekrouf ,Fethi Boudahri, Zaki Sari
15h20	<i>Comparative study of emerging approaches for modeling flexible manufacturing systems</i> Fatima Zohra Bouchekif, Myriam Noureddine	<i>Production, supply, and traffic systems: a unified modelling using Petri Nets</i> Nesrine Smata, Cherif Tolba ,Dalila Boudebous, Senouci Benmansour, Jaouad Boukachour
15h40	<i>An intelligent framework for the cooperation in the extended enterprise environment</i> Ezzeddine Benaïssa, Abdellatif Benabdelhafid , Mounir Benaïssa	<i>Predictive Performance Model in Collaborative Supply Chain Using Decision Tree and Clustering Technique</i> Ridha Derrouiche, Pongsak Holimchayachotikul, Komgrit Leksakul
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