



PROGRAM

Sunday, May 9, 2010

17:00-20:00	Registration
17:00-19:00	Meeting of the advisory committee

Monday, May 10, 2010

7:30-8:45	Registration					
8:45-9:30	Opening Ceremony - <i>Room Cléopâtre</i>					
9:30-10:30	Saif Benjaafar Carbon Footprint and the Management of Supply Chains: Insights from Simple Models - <i>Room Cléopâtre</i>					
10:30-11:00	Coffee break					
11:00-12:40	Session 1: Evaluation and optimization in service systems <i>Room César</i>	Session 2: Intelligent transportation systems: Modeling, simulation and control (1/2) <i>Room Luxor</i>	Session 3: Metaheuristics and applications (1/2) <i>Room Neffertiti</i>	Session 4: Design of production systems <i>Room Carthage</i>	Session 5: Simulation for supply chain management (1/2) <i>Room Carthage 1</i>	Session 6: Track healthcare information systems and decision making : operational hospital management <i>Room Carthage 2</i>
12:40-14:00	Lunch					
14:00-15:00	Jean Baptiste Léger KASEM©: a collaborative e-Maintenance platform, integrating engineering, proactive maintenance, decision making and expertise tools - <i>Room Cléopâtre</i>					
15:05-16:20	Session 7: Optimization of the green supply chain <i>Room César</i>	Session 8: Intelligent transportation systems: modeling, simulation and control (2/2) <i>Room Luxor</i>	Session 9: RCPSP <i>Room Neffertiti</i>	Session 10: Integrated maintenance/production strategies (1/3) <i>Room Carthage</i>	Session 11: Simulation for supply chain management (2/2) <i>Room Carthage 1</i>	Session 12: Track healthcare information systems and decision making : hospital reengineering and change management <i>Room Carthage 2</i>
16:20-16:40	Coffee break					
16:40-17:55	Session 13: Resources optimization for the green supply chain <i>Room César</i>	Session 14: Development and use of models for safety purposes (1/2) <i>Room Luxor</i>	Session 15: Modeling and simulation of warehouses and distribution centers <i>Room Neffertiti</i>	Session 16: Scheduling problems <i>Room Carthage</i>	Session 17: Systems control <i>Room Carthage 1</i>	Session 18: Track healthcare information systems and decision making : strategic hospital management <i>Room Carthage 2</i>
17:30-19:10	Meeting of the scientific committee					
19:10-19:30	Felix Breiteneker : Special contribution 'modelling emotions based on sonnets - the case 'LAURA & PETRARCA' - <i>Room Cléopâtre</i>					
19:30	Cocktail					

Tuesday, May 11, 2010

8:00-9:00	<p align="center">Dave Goldsman The State-of-the-Art in Simulation Output Analysis - <i>Room Cléopâtre</i></p>					
9:05-10:20	<p>Session 19: Lot sizing (1/2) <i>Room César</i></p>	<p>Session 20: Development and use of models for safety purposes (2/2) <i>Room Luxor</i></p>	<p>Session 21: Track modeling, simulation and optimization in transportation systems: optimization of logistic systems <i>Room Neffertiti</i></p>	<p>Session 22: Methods and tools for modeling and evaluation (1/2) <i>Room Carthage</i></p>	<p>Session 23: Production planning and inventory control under demand, yield and lead time uncertainties (1/3) <i>Room Carthage 1</i></p>	<p>Session 24: Track healthcare information systems and decision making: decision support systems in healthcare processes - Methods and techniques <i>Room Carthage 2</i></p>
10:20-10:40	<p align="center">Coffee break</p>					
10:40-11:50	<p>Session 25: Lot sizing (2/2) <i>Room César</i></p>	<p>Session 26: Extended design (1/2) <i>Room Luxor</i></p>	<p>Session 27: Scheduling problems (1/2) <i>Room Neffertiti</i></p>	<p>Session 28: Simulation tools and methods <i>Room Carthage</i></p>	<p>Session 29: Production planning and Inventory control under demand, yield and lead time uncertainties (2/3) <i>Room Carthage 1</i></p>	<p>Session 30: Track healthcare information systems and decision making: simulation and metaheuristics applied to healthcare decision making <i>Room Carthage 2</i></p>
11:55-13:10	<p>Session 31: Web services <i>Room César</i></p>	<p>Session 32: Agent modeling, distributed simulation & performance evaluation frameworks for production system networks management (1/2) <i>Room Luxor</i></p>	<p>Session 33: Track modeling, simulation and optimization in transportation systems: transportation systems and applications <i>Room Neffertiti</i></p>	<p>Session 34: Enterprise engineering and alignment (1/2) <i>Room Carthage</i></p>	<p>Session 35: Production planning and inventory control under demand, yield and lead time uncertainties (3/3) <i>Room Carthage 1</i></p>	<p>Session 36: Metaheuristics and applications (2/2) <i>Room Carthage 2</i></p>
13:10-14:30	<p align="center">Lunch</p>					
14:30-16:10	<p>Session 37: Managing risks in supply chain and manufacturing management systems <i>Room César</i></p>	<p>Session 38: Extended design (2/2) <i>Room Luxor</i></p>	<p>Session 39: Conduite and real time <i>Room Neffertiti</i></p>	<p>Session 40: Multi-objective optimization <i>Room Carthage</i></p>	<p>Session 41: Track modeling, simulation and optimization in transportation systems: vehicle routing problem and applications <i>Room Carthage 1</i></p>	<p>Session 42: Track healthcare information systems and decision making: healthcare modelling and simulation <i>Room Carthage 2</i></p>
16:10-16:30	<p align="center">Coffee break</p>					
16:30-19:00	<p align="center">Excursion</p>					
20:00	<p align="center">Banquet dinner</p>					

Wednesday, May 12, 2010

9:00-10:00	Katta G. Murty Optimizing the Gross Crane Rate (GCR) in a Container Terminal - <i>Room Cléopâtre</i>					
10:00-10:20	Coffee break					
10:20-12:25	Session 43: Tansfert lines <i>Room César</i>	Session 44: Modeling methodologies <i>Room Luxor</i>	Session 45: Scheduling problems (2/2) <i>Room Neffertiti</i>	Session 46: Integrated maintenance/production strategies (2/3) <i>Room Carthage</i>	Session 47: Track modeling, simulation and optimization in transportation systems: traffic control and regulation transportation systems <i>Room Carthage 1</i>	Session 48: Information and decision systems <i>Room Carthage 2</i>
12:25-13:45	Lunch					
13:45-15:50	Session 49: Automatic control (1/2) <i>Room César</i>	Session 50: Petri Nets and applications <i>Room Luxor</i>	Session 51: Scheduling and metaheuristics <i>Room Neffertiti</i>	Session 52: Integrated maintenance/production strategies (3/3) <i>Room Carthage</i>	Session 53: Enterprise engineering and alignment (2/2) <i>Room Carthage 1</i>	Session 54: Optimization methods <i>Room Carthage 2</i>
15:50-16:10	Coffee break					
16:10-17:50	Session 55: Automatic control (2/2) <i>Room César</i>	Session 56: Simulation and optimisation <i>Room Luxor</i>	Session 57: Agent modeling, distributed simulation & performance evaluation frameworks for production system networks management (2/2) <i>Room Neffertiti</i>	Session 58: Mathematical modeling tools <i>Room Carthage</i>	Session 59: Vehicle routing problem and reverse logistics <i>Room Carthage 1</i>	Session 60: Methods and tools for modeling and evaluation (2/2) <i>Room Carthage 2</i>
18:00	Closing ceremony <i>Room Cléopâtre</i>					

Monday, May 10, 2010, 9:30 - 10:30

Carbon Footprint and the Management of Supply Chains: Insights from Simple

Saïf Benjaafar

Chairperson: Atidel B. Hadj-Alouane

Room Cléopâtre

Monday, May 10, 2010, 11:00 - 12:40

Session 1 - Evaluation and optimization in service systems

Chairpersons: Oualid Jouini & Jacques Lamothe

Room César

- ✚ Shift-scheduling of call centers with uncertain arrival parameters
Shuangqing Liao, Christian Van Delft, Ger Koole, Oualid Jouini
- ✚ Enchères et coopération dans la programmation opératoire
B. Roland, Fouad Riane
- ✚ From the analysis of managerial problematics specific to the industrial and service sector to methods and tools transfers from one sector to the other
Thecle Alix, Bruno Vallespir

Session 2 - Intelligent transportation systems: Modeling, simulation and control (1/2)

Chairpersons: Hassane Abouaïssa & Salim Mammar

Room Luxor

- ✚ SAVE TIME: a smart vehicle traffic information system
Nathanael Cottin, Christophe Dumez, Maxime Wack, Jaafar Gaber
- ✚ Towards a systematic approach for traffic flow estimation and control
Hassane Abouaïssa, Violina Iordanova
- ✚ A multiphase model for macroscopic traffic flow
Aziz Nakrachi
- ✚ Motorway traffic crash prediction based on the neuronal network approach: application to the ring way of Paris
Mediouny Bouhelal, Anis Zeglaoui, Habib Haj Salem

Session 3 - Metaheuristics and applications (1/2)

Chairpersons: Daoud Ait-Kadi & Jacques Teghem

Room Neffertiti

- ✚ Minimizing makespan in flowshops with bounded processing times
Ali Allahverdi, Harun Aydilek
- ✚ A generalized cell formation problem solved by an adapted GGA
Emmanuelle Vin, Pascal Francq, Alain Delchambre
- ✚ A genetic algorithm for integrated production and preventive maintenance planning in multi-state systems
Mahdi Machani, Mustapha Nourelfath
- ✚ Un problème de planification stratégique de type production – distribution avec économies d'échelle et technologies de production
Grangeon Nathalie, Norre Sylvie, Gourguechon Olivier, Suon Médéric

Session 4 - Design of production systems

Chairpersons: *Alexandre Dolgui & Farouk Yalaoui*

Room Carthage

- ✦ Taking into account of flexibility in hierarchical production planning
Erromdhani Ridha, Eddaly Mansour, Rebai Adelwaheb
- ✦ Planification de production sous contraintes de législation et de ressource goulet
El Bedoui-Maktouf Khaoula, Moalla Mohamed, Bahroun Zied, Campagne Jean-Pierre
- ✦ Flexible manufacturing systems optimization approach based on labor cost minimization
Cadet David Joseph, Alexandre Sava, Nathalie Sauer
- ✦ Génération automatique des procédures de reconfiguration au sein des systèmes automatisés de production
Abdallah Ghariani, Lotfi Nabli

Session 5 - Simulation for supply chain management (1/2)

Chairpersons: *Caroline Thierry & André Thomas*

Room Carthage 1

- ✦ Agent-based predictive operational benchmarking model
John Paul, Suresh Indukuri, Song Xu
- ✦ Efficient dimensioning of flexibility commitments among supply chain partners
Aicha Amrani-Zouggar, Jean-Christophe Deschamps, Jean-Paul Bourrieres
- ✦ Aggregated behaviors for supply chain planning processes simulation and characterization of plan dynamics
Guillaume Marquès, Caroline Thierry, Jacques Lamothe, Didier Gourc
- ✦ Impact of inventory inaccuracy on service-level quality in a multiproduct production line with product priorities
Daniel Thiel, Vincent Hovelaque, Thi Le Hoa Vo

Session 6 – Track “Healthcare information systems and decision making” - Operational hospital management

Chairpersons: *Said Kharraja & Elyes Lamine*

Room Carthage 2

- ✦ Modelling approaches for the home health care districting problem
Emna Benzarti, Evren Sahin, Yves Dallery
- ✦ Comparison of two models to schedule the operating theatre
Arnauld Hanset, Nadine Meskens, David Duvivier
- ✦ Reactive operating schedule in case of a disaster
Issam Nouaouri, J-Christophe Nicolas, Daniel Jolly, Sonia Hajri-Gabouj
- ✦ Minimizing the sum of job completion times for washing operations in hospital sterilization services
Onur Ozturk, Maria Di Mascolo, Marie-Laure Espinouse, Alexia Gouin

Monday, May 10, 2010, 14:00 - 15:00

KASEM©: a collaborative e-Maintenance platform, integrating engineering, proactive maintenance, decision making and expertise tools

Jean Baptiste Léger

Chairperson: *Nidhal Rezg*

Room Cléopâtre

Monday, May 10, 2010, 15:05 - 16:20

Session 7 - Optimization of the green supply chain

Chairpersons: Frédéric Fontane & Samir Lamouri

Room César

- ✚ Un modèle bi-objectif pour la conception de chaînes logistiques vertes
Wassila Mtalaa, Riad Aggoune
- ✚ Sustainable multimodal supply chain design for recycling waterways sediments
Bouzembrak Yamine, Allaoui Hamid, Goncalves Gilles, Bouchriha Hanen, Masson Eric, Mohamed Baklouti
- ✚ Enjeux environnemental et économique de la mutualisation logistique pour les PME : le cas de l'alimentaire dans l'ouest de la France
Shenle Pan, Eric Ballot, Frédéric Fontane

Session 8 - Intelligent transportation systems: modeling, simulation and control (2/2)

Chairpersons: Hassane Abouaïssa & Salim Mammar

Room Luxor

- ✚ Limitation dynamique de la vitesse en cas de rétrécissement
Kamel Boumediene, Benasser Amar, Jolly Daniel
- ✚ Evaluation by simulation for personalized information systems
Makram Soui, Mourad Abed, Christophe Kolski, Khaled Ghedira
- ✚ Le contrôle d'accès généralisée sur les autoroutes de l'Île de France : études en simulation et sur site réel
Habib Haj Salem, Moussa Boukhnifer, H. Mabrouk, S. Mammar

Session 9 - RCPSP

Chairpersons: Patrick Martineau & Laurent Deroussi

Room Neffertiti

- ✚ Résolution du RCPSP avec production et consommation de ressources : modèles PLNE basés sur les événements
Oumar Kone, Christian Artigues, Pierre Lopez, Marcel Mongeau
- ✚ Optimisation par essais particuliers pour le problème RCPSP
Eunice Adjarath Lemamou, Caroline Gagné, Marc Gravel
- ✚ Ordonnancement de machines identiques en présence d'opérateurs dont les affectations sont réévaluées en fin de tâche
Mohammed Zouba, Pierre Baptiste, Djamel Rebaine

Session 10 - Integrated maintenance/production strategies (1/3)

Chairpersons: Sofiene Dellagi & Ali Gharbi

Room Carthage

- ✚ Matrice de compétences pour l'ordonnancement des tâches de maintenance
Valerio Boschian-Campaner
- ✚ Optimal production planning for a multi part-type manufacturing system with production rate dependent failure rates
Mohammed Dahane, Nidhal Rezg, Anis Chelbi
- ✚ An integrated strategy for efficient production-maintenance plans over a finite time horizon
Jérémie Schutz, Nidhal Rezg, J.-B. Léger

Session 11 - Simulation for supply chain management (2/2)

Chairpersons: Caroline Thierry & André Thomas

Room Carthage 1

- ✦ La modélisation ARENA comme outil d'étude de l'influence du VMI sur les niveaux de stocks des chaînes logistiques
Rouibi Sonia, Burlat Patrick, Frein Yannick, Ouzrout Yacine
- ✦ Pilotage d'une boucle kanban modélisée par réseau de Petri
Philippe Thomas, Andre Thomas, Sana Belmokhtar
- ✦ Proposition d'une procédure de détermination de temps unitaire de pièces découpées
Hind El Haouzi, Philippe Thomas, André Thomas

Session 12 - Track "Healthcare information systems and decision making" - Hospital reengineering and change management

Chairperson: Nadine Meskens

Room Carthage 2

- ✦ Modélisation des perceptions des acteurs pour réussir la conduite du changement : cas de l'hôpital
Bouchra Lotfi, Thierry Garrot, Bahia Bencheckroun
- ✦ Modèle de connaissance générique du circuit du médicament dans un hôpital
Jean-Charles Huet, Jean-Luc Paris, Michel Gourgand, Khalid Kouiss
- ✦ L'erreur médicamenteuse : vers une analyse rétrospective de l'erreur humaine
Souad Filali El Ghorfi, Fouad Riane, L.El Hiki

Monday, May 10, 2010, 16:40 - 17:55

Session 13 - Resources optimization for the green supply chain

Chairperson: Frédéric Fontane & Riad Aggoune

Room César

- ✦ An exact algorithm for the single-vehicle cyclic inventory routing problem
El-Houssaine Aghezzaf, Yiqing Zhong, Birger Raa, Manel Mateo
- ✦ Modèle de plus court chemin multiobjectif pour le transport intermodal au sein de la chaîne logistique verte
Marie Sawadogo, Didier Anciaux,
- ✦ Problématique des ressources mobiles au sein d'une chaîne logistique
Gallina Iassinovskaia, Clarisse Villamaux, Fouad Riane, Florence Pirard

Session 14 - Development and use of models for safety purposes (1/2)

Chairpersons: Mohamed Ghazel & Kondo Hloindo Adjallah

Room Luxor

- ✦ New PCA-based methodology for sensor fault detection and localization
Anissa Benaicha, Mohamed Guerfel, Nasreddine Bouguila, Kamel Benothman
- ✦ Stochastic activity networks for the modeling of repairable systems including diagnosis performance
Samia Maza
- ✦ Modélisation itérative structuro-fonctionnelle pour le diagnostic
Quang Huy Giap, Stéphane Ploix, Jean-Marie Flaus

Session 15 - Modeling and simulation of warehouses and distribution centers

Chairpersons: *Matthieu Luras & Mohamed Zied Babai*

Room *Neffertiti*

- ✦ Evaluation de la performance d'un stockage par classes dans le contexte du stockage automatisé à accumulation dynamique
Nihad Meghelli, Sari Zaki, Cardin Olivier, Castagna Pierre
- ✦ Modélisation des temps de cycle d'un AS/RS à convoyeurs gravitationnels à une seule machine S/R
Sihem Kouloughli, Zaki Sari
- ✦ A graph based model for intelligent network design
Ali Balma, Nejib Ben Hadj Alouane, Atidel B. Hadj Alouane

Session 16 – Scheduling problems

Chairpersons: *Fouad Riane & Anis Chelbi*

Room *Carthage*

- ✦ Minimizing mean completion time in flowshops with random processing times
Harun Aydilek, Ali Allahverdi
- ✦ Stochastic single machine scheduling with random common due date
Rachid Benmansour, Abdelhakim Artiba, Hamid Allaoui
- ✦ Integrative cooperative approach for solving permutation flowshop scheduling problem with sequence dependent family setup times
Radhouan Bouabda, Mansour Eddaly, Bassem Jarboui, Abdelwaheb Rebai

Session 17 - Systems control

Chairpersons: *Fayçal Ben Hmida & Christophe Sauvey*

Room *Carthage 1*

- ✦ Classification non supervisée pour la surveillance d'un système automatique
Foued Theljani, Kaouther Laabidi, Salah Zidi, M. Ksouri-Lahmari
- ✦ Contribution à la répartition d'une application de surveillance
Aymen Gdouda, Anne-Lise Gehin, Mireille Bayart
- ✦ Surveillances des systèmes complexes par Séparateurs à Vaste Marge (SVM)
Mounira Tarhouni, Kaouther Laabidi, Salah Zidi, M. Ksouri

Session 18 - Track “Healthcare information systems and decision making” - Strategic hospital management

Chairpersons: *Nadine Meskens & Said Kharraja*

Room *Carthage 2*

- ✦ Dimensionnement par simulation d'une structure de prise en charge de la maternité à domicile
Norly Germain, Thibaud Monteiro, Nidhal Rezg, Evens Emmanuel
- ✦ Bedload Balancing for An Oncology Ambulatory Care Unit
Abdellah Sadki, Xiaolan Xie, Franck Chauvin
- ✦ Vers une gestion globalisée du système des rendez-vous pour l'optimisation des temps de séjour des patients ambulatoires
Jean-Philippe Cordier, Fouad Riane, Nidhal Rezg

Tuesday, May 11, 2010, 8:00 - 9:00

The State-of-the-Art in Simulation Output Analysis

Dave Goldsman

Chairperson: *Henri Pierreval*

Room *Cléopâtre*

Tuesday, May 11, 2010, 9:05 - 10:20

Session 19- Lot sizing (1/2)

Chairpersons: Nabil Absi & Stéphane Dauzère-Pérès

Room César

- ✚ Case study for lot-sizing problem in MTO supply chain based on simulation optimization approach
Wafik Hachicha, Ahmed Ammeri, Faouzi Masmoudi, Habib Chabchoub
- ✚ Modèles mathématiques et métaheuristiques pour la planification tactique d'une chaîne logistique de type flowshop hybride
Michel Gourgand, David Lemoine, Sylvie Norre
- ✚ Mathematical models and lagrangian heuristics for a two-level lot-sizing problem with bounded inventory
Nadjib Brahim, Nabil Absi, Stéphane Dauzère-Pérès, Safia Kedad-Sidhoum

Session 20 - Development and use of models for safety purposes (2/2)

Chairpersons: Mohamed Ghazel & Kondo Hloindo Adjallah

Room Luxor

- ✚ Analyse de l'imprécision de taux de défaillance de cause commune pour l'évaluation des performances des SIS
Walid Mechri, Christophe Simon, Kamel Ben Othman, Mohamed Benrejeb
- ✚ Time-constrained systems validation using mda model transformation. A railway case study
Ahmed Mekki, Mohamed Ghazel, Armand Toguyeni
- ✚ Multiple faults fuzzy detection approach improved by particle swarm optimization
Imtiaz Fliss, Moncef Tagina

Session 21 – Track “Modeling, simulation and optimization in transportation systems” - Optimization of logistic systems

Chairpersons: Mahdi Khemakhem & Sabeur Elkosantini

Room Neffertiti

- ✚ Harmony search algorithm for the container storage problem
Imen Ayachi, Ryan Kammarti, Mekki Ksouri, Pierre Borne
- ✚ Recherche locale pour un problème d'optimisation de tournées de véhicules avec gestion des stocks
Thierry Benoist, Bertrand Estellon, Frédéric Gardi, Antoine Jeanjean
- ✚ Analyse d'un problème de tournée de véhicules avec gestion de stock dans un contexte de stock de consignation
Zied Jemai, Rim Kalai, Yacine Rekik

Session 22 - Methods and tools for modeling and evaluation (1/2)

Chairpersons: Michel Chabrol & Jean-Luc Paris

Room Carthage

- ✚ Conception et développement d'un logiciel de simulation du processus stratégique
Oumhani Belmokhtar, Mabrouk Aib, Mohammed Tayeb Oudjet, Abdelmadjid Oulmane
- ✚ A method to define a performance indicator system for the control of a crisis
Carine Rongier, François Galasso, Matthieu Lauras, Didier Gourc
- ✚ Integrated model for operational process design of a learning system
Olivier Bistorin, Claude Pourcel, Pierre Padilla

Session 23 - Production planning and inventory control under demand, yield and lead time uncertainties (1/3)

Chairpersons: *Alexandre Dolgui & Faicel Hnaien*

Room *Carthage 1*

- ✚ Analysis of order-up-to-levels inventory systems with compound Poisson demand
Mohamed Zied Babai, Zied Jemai, Yves Dallery
- ✚ Optimal control of a production system with information on the production and demand status: application to vendor managed inventory
Mohsen Elhafsi, Herve Camus, Etienne Craye
- ✚ Le paramétrage du MRP sous incertitudes de délais d'approvisionnements et demande : le cas de système d'assemblage à un niveau
Faicel Hnaien, Alexandre Dolgui

Session 24 - Track "Healthcare information systems and decision making" - Decision support systems in healthcare processes - Methods and techniques

Chairpersons: *Bert-Jan Van Beijnum & Pierre Maret*

Room *Carthage 2*

- ✚ Modélisation d'une maladie oculaire avec les SMA
Fakhfakh Olfa, Korbaa Ouajdi
- ✚ Clustering using principal component analysis : application of elderly people autonomy-disability
Catherine Combes, Jean Azéma
- ✚ Discovering patient care process models from event logs
Meskens Nadine, Fei Hongying

Tuesday, May 11, 2010, 10:40 - 11:50

Session 25 - Lot sizing (2/2)

Chairpersons: *Stéphane Dauzère-Pérès & Nabil Absi*

Room *César*

- ✚ Lagrangean based heuristic for integrated planning production and maintenance problem with time windows and shortage cost
Alaoui Selsouli Marouane, Najid Najib, Mohafid Abdelmoula
- ✚ A heuristic approach for the integrated production and distribution problem
Najeh Ben Mabrouk, Bassem Jarboui, Mansour Eddaly, Habib Chabchoub
- ✚ Une approche génétique pour un problème de lotissement et de séquençement sous aléas
Kseniya Shchamialiova, Alexandre Dolgui, Frédéric Grimaud
- ✚ Heuristics for the multi-item capacitated lot-sizing problem with lost sales
Nabil Absi, Boris Detienne, Stéphane Dauzère-Pérès

Session 26 - Extended design (1/2)

Chairpersons: *Elise Vareilles & Michel Aldanondo*

Room *Luxor*

- ✚ System design and design planning : an interaction identification
Aldanondo Michel, Vareilles Elise, Abeille Joel, Coudert Thierry, Geneste Laurent
- ✚ Clustering project risks according to their interactions
Ludovic-Alexandre Vidal, Franck Marle
- ✚ Couplage CSP et CBR : premières identifications des modes de couplage
Aurélien Codet de Boisse, Elise Vareilles, Paul Gaborit, Michel Aldanondo, Thierry Coudert, Laurent Geneste
- ✚ Consistency management of simulation information in Digital Factory
Vincent Cheutet, Samir Lamouri, Thomas Paviot, Ronan Derroisne

Session 27 - Scheduling problems (1/2)

Chairpersons: Yannick Kergosien & David Lemoine

Room Neffertiti

- ✚ Storage problem in a shampoo making system
Rabah Belaid, Vincent T'kindt, Carl Esswein
- ✚ Simulation contribution for hoist scheduling problem and hoist plant topology design
Etienne Chové, Pierre Castagna, Rosa Abbou
- ✚ Analyse de sensibilité du problème de l'équilibrage des lignes d'usinage : perturbations des temps opératoires
Evgeny Gurevsky, Olga Guschinskaya, Alexandre Dolgui
- ✚ Une adaptation efficace des mouvements de Lin et Kernighan pour le flow-shop de permutation
Laurent Deroussi, Michel Gourgand, Sylvie Norre

Session 28 – Simulation tools and methods

Chairpersons: Yannick Frein & Didier Anciaux

Room Carthage

- ✚ Impact de la standardisation sur la conception intégrée d'une chaîne logistique dans un contexte d'internationalisation
Bertrand Baud-Lavigne, Bernard Penz, Bruno Agard,
- ✚ Simulations participatives du xbeergame: comparaisons des performances entre joueurs humains et agents décisionnels
Salma Naccache, Benoit Montreuil, Olivier Labarthe, Edith Brotherton, Sehl Mellouli
- ✚ Assessment of customer trust level in supply chains based on information sharing dimensions
Omar Ayadi, Naoufel Cheikhrouhou, Faouzi Masmoudi

Session 29 - Production planning and inventory control under demand, yield and lead time uncertainties (2/3)

Chairpersons: Alexandre Dolgui & Faicel Hnaien

Room Carthage 1

- ✚ Approximate bounds for the buffer allocation problem using mathematical programming representation
Arianna Alfieri, Andrea Matta
- ✚ Modelling spare parts demand: an empirical investigation
Aris Syntetos, M. Zied Babai, Nezih Altay
- ✚ The news boy inventory model: some pedagogical developments
Pierre Baptiste, Hamdjatou Kane
- ✚ Joint ordering and inspection policy for a multi-period inventory system subject to shrinkage errors
Yacine Rekik, Evren Sahin, Yves Dallery

Session 30 - Track "Healthcare information systems and decision making" - Simulation and metaheuristics applied to healthcare decision making

Chairpersons: Olivier Roux & David Duvivier

Room Carthage 2

- ✚ Modélisation et simulation de l'unité d'hémobiologie du laboratoire central de l'hmruo d'Oran – Algérie
Khaled Belkadi, Alain Tanguy
- ✚ Planification de flux logistiques hospitaliers, dimensionnement d'équipes de manutention et synchronisation de tournées
Yannick Kergosien, Peter Bardu, Christophe Lenté, Jean-Charles Billaut, S. Perrin
- ✚ Simulation d'un système de chimiothérapie à domicile pilote par un centre de coordination
Tian Zhang, Eric Marcon, Maria Di Mascolo, Tao Wang

- ✦ Planification et affectation des activités dans une pharmacie hospitalière par les colonies de fourmis
Cécile Crespy, Vincent Augusto, Xiaolan Xie, Hervé Bontemps

Tuesday, May 11, 2010, 11:55 - 13:10

Session 31 - Web services

Chairpersons: François Vernadat & Georges Habchi

Room César

- ✦ Robustesse des services web persistants
Sebastien Salva, Issam Rabhi
- ✦ Vers une architecture à base d'agents pour une composition sémantique et dynamique des services web dans un contexte d'ebXML
Ouassila Hioual, Zizette Boufaïda
- ✦ A framework for knowledge management in distributed collaborative enterprise
Fahd Amjad, Daniel Roy, Didier Anciaux

Session 32 - Agent modeling, distributed simulation & performance evaluation frameworks for production system networks management (1/2)

Chairpersons: Bernard Archimède, Olivier Labarthe & Gregory Zacharewicz

Room Luxor

- ✦ A modified multi-agent system for simple assembly line balancing
Kana Yokoyama, Katsumi Morikawa, Katsuhiko Takahashi
- ✦ AML modeling of trust in supply chain management
Yacine Ouzrout, Syed Akhter Hossain, Thierry Moyaux, Olivier Lavastre, Ludivine Chaze, Carine Dominguez
- ✦ Integration of soa and ontologies in a multi-agent model for interoperable and distributed scheduling
Karim Ishak, Bernard Archimede, Philippe Charbonnaud

Session 33 - Track "Modeling, simulation and optimization in transportation systems" - Transportation systems and applications

Chairpersons: Sabeur Elkosantini & Mahdi Khemakhem

Room Neffertiti

- ✦ Modélisation du comportement individuel de déplacement pour la ville de Tunis
Khaled Ben Abdallah
- ✦ Use of simulation for the distribution of emergency teams in a loop-road around Barcelona
David Gallegos, Manuel Mateo, Lorenzo Garcia-Tornel
- ✦ Distributed platform for advanced freight transportation systems
Gregory Zacharewicz, Jean-Christophe Deschamps, Julien Francois

Session 34 - Enterprise engineering and alignment (1/2)

Chairpersons: Virginie Goepf & Pierre-Alain Millet

Room Carthage

- ✦ Enterprise Interoperability Assessment
Roland Jochem
- ✦ RFID implementation and supply chain alignment: the case of jewellery in the retail industry
Gilles Neubert, Ishraf Zaoui, Carine Dominguez, Blandine Ageron
- ✦ A method for the complete alignment of technical information systems
Oscar Avila, virginie Goepf, François Kiefer

Session 35 - Production planning and inventory control under demand, yield and lead time uncertainties (3/3)

Chairpersons: Alexandre Dolgui & Faicel Hnaien

Room Carthage 1

- ✚ Inventory allocation in multi-period multi-echelon logistics networks of modular products
Ufuk Bahceci, Orhan Feyzioglu
- ✚ Periodic review inventory policy for perishables with random lifetime
Chaaben Kouki, Evren Sahin, Zied Jamai, Yves Dallery
- ✚ Application of queuing theory in analyzing the use of production capacity
Muhammad Marsudi

Session 36 - Metaheuristics and applications (1/2)

Chairpersons: Jean-Claude Hennet & Lyes Benyoucef

Room Carthage 2

- ✚ Metaheuristics optimization via memory to solve the profitable arc tour problem
Jalel Euch, Habib Chabchoub, Adnan Yassine
- ✚ Integrated emergency vehicle dispatching and covering: A parallel Ant-tabu approach
Sarah Ibri, Habiba Drias, Mustapha Nourelfath
- ✚ Contribution à l'optimisation de la distribution massive des carburants terres
M. Yagouni

Tuesday, May 11, 2010, 14:30 - 16:10

Session 37 - Managing risks in supply chain and manufacturing management systems

Chairpersons: Jacques Lamothe & Séverine Durieux

Room César

- ✚ Integration of ill-known requirements with dependencies into a gross requirement plan
Romain Guillaume, Caroline Thierry, Bernard Grabot
- ✚ Modeling and evaluation of vulnerabilities in a supply chain
Jean-Claude Hennet, Jean-Marc Mercantini
- ✚ Simulation of active products cooperation for active security management
Ahmed Zouinkhi, Eddy Bajic, Amel Ltifi, Eric Rondeau, Mohamed Ben Gayed, Mohamed Naceur Abdelkrim
- ✚ On the performance of flexibility chaining in location-allocation problems under disruption
Soumaya Benaicha Elabassi, Saif Benjaafar, Atidel B.Hadj-Alouane

Session 38 - Extended design (2/2)

Chairpersons: Elise Vareilles & Michel Aldanondo

Room Luxor

- ✚ Modèle de conception à base de réseau de contradictions. Le cas de la conception des microsattellites au CNES
Christophe Lerch, Ioana Deniaud, Christophe Belleval
- ✚ Study of different principles for automatic identification of generalized system of contradictions out of design of experiments
Ivana Rasovska, Sebastien Dubois, Roland De Guio
- ✚ Intégration de l'analyse dans la phase de résolution de problème en vue de retour d'expérience
Jabrouni Hicham, Bernard Kamsu-Foguem, Geneste Laurent
- ✚ Contribution to the development of a general design theory
Johnny Huysentruyt, David Chen

Session 39 - Conduite and real time

Chairperson: *Patrick Martineau & Laurent Deroussi*

Room *Neffertiti*

- ✦ Un algorithme coopératif pour un problème d'atelier job shop multi-agent
Cyril Briand, Samia Ourari, Brahim Bouzouia
- ✦ Des algorithmes basés sur les principes des métaheuristiques pour le ré-ordonnancement temps réel dans un FMS avec flexibilité de routage
Mehdi Souier, Ahmed Hassam, Zaki Sari
- ✦ Discovering dispatching rules for job shop scheduling problem through data mining
Atif Shahzad, Nasser Mebarki
- ✦ A formalism for integrated production and site utility system scheduling
Raphaële Thery, Mujtaba Agha, Gilles Hetreux, Jean Marc Le Lann, Alain Hait

Session 40 - Multi-objective optimization

Chairpersons: *Mustapha Nour El Fath & Roman Slowinski*

Room *Carthage*

- ✦ L'optimisation multicritères en environnement décentralisé : utilisation de la méthode AHP pour choisir une solution Pareto-optimale
Chantal Baril
- ✦ Design of multiobjective predictive controller based on genetic algorithm
Faten Ben Aicha, Faouzi Bouani, Mekki Ksouri
- ✦ Ordinal and non-ordinal classification using monotonic rules
Jerzy Blaszczynski, Salvatore Greco, Roman Slowinski

Session 41 - Track "Modeling, simulation and optimization in transportation systems" - Vehicle routing problem and applications

Chairpersons: *Sabeur Elkosantini & Mahdi Khemakhem*

Room *Carthage 1*

- ✦ A decision support system for vehicle routing based on model inversion and data analysis
Bernat Gacias, Pierre Lopez, Julien Cegarra
- ✦ A lagrangian heuristic method and an iterative approach for the inventory routing problem
Nadra Ben Taarit, Farah Zeghal Mansou, Atidel B. Hadj-Alouane
- ✦ An iterated local search for the vehicle routing problem with conflicts
Khaoula Hamdi, Nacima Labadi, Alice Yalaoui

Session 42 – Track "Healthcare information systems and decision making" - Healthcare modelling and simulation

Chairpersons: *Catherine Combes & Nadine Meskens*

Room *Carthage 2*

- ✦ Modélisation et simulation des appels téléphoniques d'un service d'aide médicale d'urgence (SAMU 81)
Elyes Lamine, Franck Fontanili
- ✦ UML-statechart modeling tool for the vle simulator: an application to a chronic renal dialysis unit
Olivier Roux, David Duvivier, Eric Ramat, Gauthier Quesnel, Catherine Combes
- ✦ Simulation de la filière des urgences dans un contexte du réseau
Tao Wang, Eric Marcon, Alain Guinet
- ✦ Modélisation et évaluation des unités de soins
Michelle Chabrol, Michel Gourgand, Sophie Rodier

Wednesday, May 12, 2010, 9:00 - 10:00

Optimizing the Gross Crane Rate (GCR) in a Container Terminal

Katta G. Murty

Chairperson: Atidel B. Hadj-Alouane

Room Cléopâtre

Wednesday, May 12, 2010, 10:20 - 12:25

Session 43 - Tansfert lines

Chairpersons: Mohamed Moalla & Sophie Hennequin

Room César

- ✚ Performance evaluation of mixed-model transfer lines with acyclic product arrivals and random lot sizing
Karem Dhouib, Ali Gharbi, A. Hajji
- ✚ Perturbation analysis for continuous and discrete flow models: a failure-prone manufacturing system study
Sadok Turki, Sophie Hennequin, Nathalie Sauer
- ✚ Application of a continuous supervisory fuzzy control on a discrete scheduling of manufacturing systems
Karim Tamani, Reda Boukezzoula, Georges Habchi
- ✚ Throughput variability of homogeneous transfer lines subject to operation-dependant failures
Karem Dhouib, Ali Gharbi, Mejri Mejri

Session 44 - Modeling methodologies

Chairpersons: Mhamed Itmi & Herve Pingaud

Room Luxor

- ✚ Fair layout optimization
Albert E. Fernandes Muritiba, Manuel Iori, Silvano Martello, Marcos J. Negreiros Gomes
- ✚ Dynamic model to the reliability evaluation of the telecommunication network
Smail Adjabi
- ✚ Modélisation et simulation dynamique d'un kart électrique
Nasser Habbib, M'sirdi Nacer, Naamane Aziz
- ✚ A new replenishment policy based on mathematical modeling of inventory and transportation costs with probabilistic demand
Khaled Bahloul, Arman Baboli, Jean-pierre Campagne
- ✚ Entrepreneurship training in technologic university by modeling
Julien Husson, Christophe Schmitt, Ilias Majdouline

Session 45- Scheduling problems (2/2)

Chairpersons: Michel Gourgand & Ameer Soukhal

Room Neffertiti

- ✚ A two-stage flow shop with parallel dedicated machines
Walid Besbes, Taicir Loukil, Jacques Teghem
- ✚ Résolution multi-objectif du problème d'ordonnancement de flow-shop hybride réentrant
Dugardin Frédéric, Yalaoui Farouk, Lionel Amodeo
- ✚ Méthode de recherche à divergence limitée pour les problèmes d'ordonnancement avec contraintes de délais
Wafa Karoui, Marie-José Huguet, Pierre Lopez, Mohamed Haouari
- ✚ Une approche par la théorie des tas pour le jobshop cyclique
Touria Chafqane Ben Rahhou, Laurent Houssin, Christian Artigues

- ✚ Heuristic methods for problems with blocking constraints solving jobshop scheduling
Wajdi Trabelsi, Christophe Sauvey, Nathalie Sauer

Session 46 - Integrated maintenance/production strategies (2/2)

Chairpersons: *Ali Gharbi & Fouad Riane*

Room *Carthage*

- ✚ Conception et simulation d'un modèle base sur le CCV pour l'amélioration de la fonction maintenance
Mouloud Aoudia, Oumhani Belmokhtar
- ✚ Développement et optimisation d'une politique de maintenance sous contraintes environnementales
Houssam Chouikhi, Sofien Dellagi, Nidhal Rezg
- ✚ Optimisation biobjectif d'ordonnancement et de maintenance d'un atelier flow-shop
Faïcel Hnaien, Farouk Yalaoui
- ✚ Développement et optimisation d'une stratégie de maintenance dépendante du plan de production et tenant compte de droit rétractation
Hajej Zied, Dellagi Sofiene, Rezg Nidhal
- ✚ Optimisation d'une politique de maintenance intégrée sous une contrainte de sous-traitance avec construction de stock
Souheil Ayed, Sofiène Dellagi, Nidhal Rezg

Session 47 - "Modeling, simulation and optimization in transportation systems" - Traffic control and regulation transportation systems

Chairpersons: *Sabeur Elkosantini & Mahdi Khemakhem*

Room *Carthage 1*

- ✚ Air traffic management using Petri net synthesis tools
Kammoun Mohamed Ali, Achour Zied, Rezg Nidhal
- ✚ Railway traffic flow modelling using bond graphs
Said Hayat, Kamal Boughedada, Belkacem Ould Bouamama
- ✚ Sur la régulation des systèmes de vélos en libre-service : approche basée sur les réseaux de Petri avec des arcs a poids variables
K. Labadi, T. Benarbia, M. Darcherif
- ✚ A novel vehicle sequencing algorithm with vehicular infrastructure integration for an isolated intersection
Fei Yan, Mahjoub Dridi, Abdellah El Moudni
- ✚ Régulation du trafic urbain avec une priorité aux transports en commun a l'aide d'un système multi-agents
Bhourri Neila, Haciane Sofiane

Session 48 - Information and decision systems

Chairpersons: *Katsuhiko Takahashi & Michel Aldanondo*

Room *Carthage 2*

- ✚ Fair and rational schemes for payoff allocation in supply chain design problems
Jean-Claude Hennet, Sonia Mahjoub
- ✚ A new method to solve and optimize military FAP with n-ary constraints
Dib Mohammad, Alexandre Caminada, Hakim Mabed, Thierry Defaix
- ✚ Modélisation du système de pilotage d'un organisme de formation
Rémi Renauld, Daniel Roy
- ✚ A multi-agent based pricing : a virtual stock market simulation
Zahra Kodia, Lamjed Ben Said, Khaled Ghedira

Wednesday, May 12, 2010, 13:45 - 15:50

Session 49 – Automatic control (1/2)

Chairpersons: Norbert Giambiasi & Pierre Castagna

Room César

- ✚ Comparaison des performances des régulateurs PI et IP appliqués pour la commande vectorielle à flux rotorique orienté d'une machine asynchrone
Abdesslam Lokriti, Youssef Zidani, Saïd Doubabi
- ✚ Approches pour la sur-approximation d'atteignabilité des systèmes complexes
Ahmed Guadri, Nathalie Dangoumau, Etienne Craye
- ✚ Adaptation de la commande prédictive aux systèmes à événements discrets : application pour l'optimisation en temps réel du processus de transport minier
Amel Jaoua, Diane Riopel, Michel Gamache
- ✚ Modélisation orientée aspects des systèmes temps réel
Naoufel Machta, Mohamed Taha Bennani, Samir Ben Ahmed

Session 50 - Petri Nets and applications

Chairpersons: Isabel Demongodin & Nejib Ben Hadj-Alouane

Room Luxor

- ✚ Approximation of stochastic Petri nets steady state by CPN with piecewise-constant maximal firing speeds
Dimitri Lefebvre, Edouard Leclercq
- ✚ Conflict management and resolution using (max,+) algebra : application to services interaction
Wafaa Ait-Cheik-Bihi, Ahmed Nait-Sidi-Moh, Maxime Wack
- ✚ Simulation exhaustive de systèmes temps-réels modélisés par réseaux de Petri p-temporels basée sur les graphes de contraintes
Patrice Bonhomme
- ✚ Environnement de simulation dynamique hybride : application aux procédés discontinus
Gilles Hetreux, Florian Fabre, Jean-Marc Le Lann, Pascale Zarate
- ✚ Speed control of a highway by batches Petri nets as mesoscopic models
Isabel Demongodin

Session 51 - Scheduling and metaheuristics

Chairperson: Ameer Soukhal & Michel Gourgand

Room Neffertiti

- ✚ Developing a technique for a bi-objective scheduling model with rejection by simulated annealing
Atefeh Moghaddam, Farouk Yalaoui, Lionel Amodeo, Behrooz Karimi, Fariborz Jolai
- ✚ Hybrid meta-heuristics for uniform parallel machines to minimize total weighted completion time
Makram Zaïdi, Bassem Jarboui, Taicir Loukil, Imed Kacem
- ✚ Métaheuristiques multiobjectif pour un problème d'ordonnancement de machines parallèles
Xiaohui Li, Lionel Amodeo, Farouk Yalaoui, Hicham Chehade
- ✚ An efficient genetic algorithm for permutation flowshop problem with particular blocking
Christophe Sauvey, Nathalie Sauer

Session 52 - Integrated maintenance/production strategies (3/3)

Chairpersons: *Rezg Nidhal & Fouad Riane*

Room Carthage

- ✚ Opportunity study on the adoption of an extended warranty based on use and environment conditions
Bouguerra Soumaya, Chelbi Anis, Rezg Nidhal
- ✚ Joint production control and product quality decision making in a failure prone manufacturing system
Adnene Hajji, Ali Gharbi, Robert Pellerin
- ✚ Kronicker algebra based-approach for series-parallel multi-state systems reliability evaluation
Abdelhakim Khatab, Daoud Ait-Kadi, Nidhal Rezg
- ✚ Iso 9001-2000 and lean-six sigma integration toward to CMMI-DEV for performance process improvement
Chatchawan Chinvigai, El Mouloudi Dafaoui, Abderrahman El Mhamedi
- ✚ Analysis of unreliable flexible manufacturing cells operated under fault-tolerant states
Mehmet Savsar

Session 53 - Enterprise engineering and alignment (2/2)

Chairpersons: *Virginie Goepf & Pierre-Alain Millet*

Room Carthage 1

- ✚ Ingénierie des processus innovants : représentation et définition du processus d'innovation
Thomas Penide, Hervé Pingaud, Didier Gourc, Philippe Peillon
- ✚ Towards a pivotal-based approach for business process alignment
Jean-Stéphane Ulmer, Jean-Pierre Belaud, Jean-Marc Le Lann
- ✚ Mapping of BPMN models into UML models using SOAML profile
Y. Lemrabet, J. Touzi, D. Clin, M. Bigand, J.-P. Bourey
- ✚ Enterprise engineering approach for business and IS/IT strategic alignment
Llanos Cuenca, Andrés Boza, Angel Ortiz
- ✚ An owl based ontology of scor model for strategic alignment
Omar Sakka, Pierre-Alain Millet, Valerie Botta-Genoulaz

Session 54 - Optimization methods

Chairpersons: *Benoit Montreuil & Manuel Mateo*

Room Carthage 2

- ✚ La programmation dynamique séquentielle et parallèle : état de l'art critique et classification
Bchira Ben Mabrouk, Hamadi Hasni, Zaher Mahjoub
- ✚ Somme coloration de graphe
Kaoutar Sghiouer, Yu Li, Corinne Lucet, Aziz Moukrim
- ✚ Gestion de stocks avec transshipment dans un réseau de distribution multi sites et multi échelons
Tlili Mounira, Moalla Mhamed, Campagne Jean-Pierre, Bahroun Zied
- ✚ Estimation du budget alloué à la garantie bidimensionnelle d'un produit
Fayçal Ben Hmida, Sana Khalfa, Anis Chelbi

Wednesday, May 12, 2010, 16:10 - 17:50

Session 55 - Automatic control (2/2)

Chairpersons: Diane Riopel & Fayçal Ben Hmida

Room César

- + PI Stabilization for Time delay System
Rihem Farkh, Kaouther Laabidi, Mekki Ksouri
- + Fault tolerant control for nonlinear systems described by Takagi-Sugeno models
Atef Khedher, Kamel Ben Othman, Didier Maquin, Mohamed Benrejeb
- + Sparkles for validation of simulation models for communicating hybrid systems
Vincent Albert, François Armando, Mehdi Bayouadh, Fabien Perrot, Louise Travé-Massuyès
- + Minimisation des Machines Séquentielles Temporelles
Norbert Giambiasi

Session 56 - Simulation and optimisation

Chairpersons: Jean-pierre Campagne & Felix Breitenecker

Room Luxor

- + Modeling road traffic accident reporting system by discrete event simulation: a case study of Iran's road
Mohammad Ali Azadeh, Hamid Mohamadlou, Ahmad Pourahmad, Saber Mohammadpour
- + Planification tactique du problème intégré production-distribution en tenant compte des délais de transport. Cas de la chaîne logistique textile
Imen Safra, Aida Jebali, Hanen Bouchriha, Asma Ghaffari, Zied Jemai
- + Une approche hybride par simulation et optimisation pour un problème de production
Sana Belmokhtar, Thomas Klein, Ammar Oulamara
- + Simulation de la source vocale, effet du couplage avec le conduit vocal
Hocine Teffahi, Samy Kherouf

Session 57 - Agent modeling, distributed simulation & performance evaluation frameworks for production system networks management (2/2)

Chairpersons: Bernard Archimède, Olivier Labarthe & Gregory Zacharewicz

Room Neffertiti

- + Adaptive runtime for numerical code
Cyril Dumont, Fabrice Mourlin
- + Agent-based supply chain simulation: towards an organization-oriented methodological framework
Mustapha Karam, Tranvouez Erwan, Espinasse Bernard, Ferrarini Alain
- + Organisation du partage des ressources dans un réseau P2P par la coopération des pairs
Adnane Cabani, Waled Alshabi, Mhamed Itmi
- + Retail store demand generation for supply network simulation
Driss Hakimi, Benoit Montreuil, Olivier Labarthe

Session 58 – Mathematical modeling tools

Chairpersons: Abdelhakim Artiba & Michel Gourgand

Room Carthage

- + Stratégie optimale de remplacement périodique pour des produits vendus avec ou sans garantie avec réparation imparfaite à la panne
Ghofrane Maaroufi, Anis Chelbi, Slah Samet
- + A tactical model under uncertainty for helicopter maintenance planning
Malek Masmoudi, Alain Haït

- ✚ Modélisation de systèmes organisationnels pour l'analyse des défaillances : application au plan de sauvegarde communal
Jean-Marie Flaus, Emmanuelle Berthelier, François Giannoccaro
- ✚ Algorithmes d'estimation des paramètres du processus de quasi-renouvellement
Slah Samet, Anis Chelbi, Fayçal Ben Hmida

Session 59 - Vehicle routing problem and reverse logistics

Chairpersons: Sid-Ali Addouche & Alice Yalaoui

Room Carthage 1

- ✚ Problèmes de conception et pilotage des chaînes logistiques inverses et globales: état de l'art
Mohammed Bennekrouf, Zaki Sari
- ✚ Problème de tournées de véhicules avec chargement et fenêtres horaires (2L-CVRPTW)
Selma Khebbache-Hadji, Christian Prins, Alice Yalaoui
- ✚ GRASP with learning process for a two-echelon location routing problem
Viet Phuong Nguyen, Christian Prins, Caroline Prodhon
- ✚ News formulations for the traveling repairman problem
Imen Ome Ezzine, Frédéric Semet, Habib Chabchoub

Session 60 - Methods and tools for modeling and evaluation (2/2)

Chairpersons: Michel Chabrol & Jean-Luc Paris

Room Carthage 2

- ✚ A priori evaluation of public transportation service
Tatiana Cucu, Luminita Ion, Yves Ducq
- ✚ Evaluation de la performance industrielle pour le tableau de bord prospectif par la méthode electre
Lamia Berrah, Vincent Cliville
- ✚ Une approche d'optimisation basée sur la simulation pour la conception d'un réseau de distribution stochastique
Fouad Maliki, Lyes Benyoucef, Zaki Sari
- ✚ Analyse du risque et évaluation des projets d'investissement
Fateh Belaid, Daniel De Wolf