TORS 2015 Program

Friday, June 12, 2015

Begin	End	Plenary Room	Room 1	Room 2
9:00	14:00	Registration		
14:00	14:20	Opening Session : Prof. Taïcir Loukil & Dr. Youssef Masmoudi Δ		
14:20	15:20	Plenary Session 1 : Prof. Jacques Teghem Title: Three problems of combinatorial optimization Chair: Dr. Walid Besbes		
Stream		**Heuristic & Metaheuristic** *Chair: Prof. Talel Ladhari*	**Mathematical Programming** *Chair: Prof. Taïcir Loukil*	**Planning & Scheduling** *Chair: Dr. Aïda Kharrat*
15:20	15:40	Méthodes approchées pour l'optimisation du flux des patients d'un service de chirurgie : cas d'une clinique privée - *Hejer Khlif Hachicha, Farah Zeghal Mansour* .	La classification ABC multicritères des stocks : Classification consensuelle entre les modèles R, ZF, Ng et H - *Makram Ben Jeddou.*	Satisfaction Study of Peritoneal Dialysis Patients: Case of Hedi Chaker Hospital in Sfax Governorate - *Manel Bahloul, Hachicha Wafik.*
15:40	16:00	Gestion des stocks et prévisions de la demande - *Said Benkachcha, Benhra J , El Hassani H*	A multi-compartment vehicle routing problem arising in the collection of olive oil in Tunisia - *Rahma Lahyani, Leandro C. Coelho, Mahdi Khemakhem, Gilbert Laporte, Frederic Semet*	Confrontation du Shifting Bottleneck et de l'algorithme de Brucker's jobshop B&B pour un ordonnancement de la production et une intégration de la maintenance dans un atelier job-shop -*Mohsine Chaouqi, Jamal Benhra*
16:00	16:20	Fixing Tabu Search parameters for DTW-Global Constraint Learning - *Bilel Ben Ali, Masmoudi Youssef , Dhouib Souhail*	Non symmetrical probabilistic voting models - *Jihene Jebiniani, Ben Abdelaziz Fouad.*	Optimal routing for multi-channel call centers with idling times during the service process - *Oualid Jouini, Legros Benjamin , Koole Ger.*
16:20	16:40	Coffee Break		
Stream		**Heuristic & Metaheuristic** *Chair: Prof. Jacques Teghem*	**Decision Theory** *Chair: Prof. Naceur Azaiez*	**DEA & Performance Measurement** *Chair: Prof. Abdelaziz Dammak*
16:40	17:00	An Efficient Metaheuristic for manufacturing sausage batch dispersion - *Dhouib Saima, Dhouib Souhail.*	A Multicriteria Method Using Bivariate Evaluation for plant location Selection - *Mohamed Souissi, Abdelwaheb Rebai, Lotfi Khrifech.*	A multi-dimensional framework for evaluating Islamic Banking Performance - *Sonia Rebai, Ammar Ayachi Rym .*
17:00	17:20	Un algorithme génétique pour la résolution du problème de migration de réseaux - *Moalla Fatma, Ladhari Talel , Balma Ali*	The medical decision making in breast cancer with Analytic Hierarchy Process - *Manel Zribi.*	Analyse des performances techniques des producteurs de la pomme de terre en Tunisie : Une approche non paramétrique - *Fraj Chemakh .*
17:20	17:40	Multi-Agent model for solving the Resource-Constrained Project Scheduling Problem - *Mouna Karaja, Olfa Belkahla Driss.*	Decision Support System for measuring job satisfaction based on Continuous Genetic Algorithm and MUlti-criteria Satisfaction Analysis (MUSA) method - *Aouadni Ismahene, Abdelwaheb Rebai*	A Mean Variance Framework of Portfolio Selection Based on Cross Efficiency Evaluation: Application to Tunisian Stock market - *Janet Ganouati, Hédi Essid.*
17:40	18:00	Meaningful monotonic normalization procedures as a basis for a modification of the TOPSIS method in a mixed data context: The MMD-TOPSIS - *Sourour Aouadni, Abdelwaheb Rebai.*	Réflexions sur la mise en oeuvre d'interfaces multimodales au service de personnes handicapées : cas de l'eye-tracking - *Jebali Souhail, Isis Truck.*	The Measurement of Efficiency of Tunisian Secondary Schools: A Directional Distance Function Approach - *Fatma Ben Yahia , Hédi Essid*
19:00	20:30	Dinner		
20:30	23:00	TORS General Meeting & Election		

TORS 2015 Program

Saturday, June 13, 2015

Begin	End	Plenary Room	Room 1	Room 2
8:30	9:30	**Plenary Talk 2 : Prof. Foued Ben Abdelaziz** **Title: From Optimization to Decision** **Chair: Dr. Youssef Masmoudi Δ**		
Stream		**Decision Support System** *Chair: Prof. Isis Truck*	**Simulation** *Chair: Dr. Malek Masmoudi*	**Mathematical Programming** *Chair: Prof. Foued Ben Abdelaziz*
9:30	9:50	Big data and Hadoop: making decision with optimized tools - *Rabie Jaballah.*	New Compact MIP models for the Discrete Cost Multicommodity Network Design Problem - *Safa Bhar Layeb, Ali Balma*	A Normalized Goal Programming to determine an optimal Hemo-Dialysis patients' nutrition from Tunisian meals - *Jridi Ichraf, Badreddine Jerbi , Hichem Kamoun*
9:50	10:10	Choix du meilleur scénario d'énergies renouvelables pour la production de l'électricité : cas de la Tunisie - *Amira Besbes, Nesrin Halouani .*	Using System Dynamics Simulation to Quantify the Bullwhip Effect: A try for a Simple Supply Chain - *Amina Masmoudi, Hachicha Wafik.*	Distributive justice and allocation of resources - *Mohamed Essalah Salah, Slah Ben Youssef, Abdelwaheb Rebai .*
10:10	10:30	Complexity Analysis Driven System Formal Verification Scheduling - *Abir Mbaya, Leila Jemni, Omar Hammami*	Simulation of collaborative logistics transport system - *Ezzeddine Fatnassi, Jouhaina Chaouchi.*	Lagrangian-based Optimization Approach and Comparative Analysis for the Discrete Cost Multicommodity Network, *Bhar Layeb Safa, Bakkar Nesrine, Zeghal Mansour Farah.*
10:30	10:50	**Coffee Break**		
Stream		**Heuristic & Metaheuristic** *Chair: Prof. Leandro C. Coelho*	**DEA &Performance Measurement** *Chair: Dr. Diala Dhouib*	**Simulation** *Chair: Dr. Oualid Jouini*
10:50	11:10	Solving the flow shop problem bi-criteria with the constraint of time lags by MOSA method - *Sabrine Ben Hassena, Emna Dhouib, Taicir Loukil.*	Resilient supply chain and performance measurement: literature review - *Hatem Elleuch, Hachicha Wafik , Habib Chabchoub.*	Non parametric European call price modelling using neural networks in considering volatility as stochastic - *Yacin Jerbi, Samira Chaabene*
11:10	11:30	Upper bounds for the two-machine flowshop scheduling problem with exact time lags - *Hajer Amdouni.*	Using Data Envelopment Analysis for Multi-criteria Simulation optimization approach: A case of Make-To-Order Lot Sizing Problem - *Mayssa Elleuch, Wafik Hachicha .*	La gestion des flux des patients dans le service d'urgence - *Héla Charfi, Masmoudi Malek , Jlassi Jihene*
11:30	11:50	L'algorithme d'optimisation de mauvaises herbes envahissantes pour le problème d'ordonnancement de type job shop flexible - *Souad Mekni , Besma Fayech Chaar.*	Sterilization process and improving performance , *Amira Kammoun, Taicir Loukil, Wafik Hachicha.*	Utilisation des outils bioinformatiques dans l'étude des virus de la grippe A Tunisienne isolés durant la saison 2012- 2013 – *Rima Soli, Kaabi Belhassen*
11:50	12:10	Heuristics approaches to logistical problems in the 2014 Tunisian elections - *Emna Turki, Sonda Elloumi.*	Tunisian Student's Performance Evaluation: An Application of Bootstrapped DEA Approach with Quasi-fixed Inputs, *Eya Jebali, Hédi Essid.*	A Lean Six Sigma: DMAIC phases - *Jihene Jlassi, Malek Masmoudi, Abderrahmen Elmhamedi.*
12:30	14:30	**Lunch**		
14:30	15:30	**Plenary Talk 3 : Pr. Leandro C. Coelho** **Title: Integrated Logistics: Inventory Management and Vehicle Routing** **Chair: Dr. Rahma Lahyani**		
Stream		**Heuristic & Metaheuristic** *Chair: Dr. Nesrine Halouani*	**Mathematical Programming** *Chair: Dr. Nejah Ben Mabrouk*	**Decision Theory** *Chair: Dr. Jihen Jelassi*
15:30	15:50	Permutation GLS vs non-permutation GLS - *Sabrine Chalghoumi , Talel Ladhari.*	A multi-obj model for the optimization of a green supply chain in a closed-loop network insuring sustainability: a real tunisian case study application - *Emna Marrekchi, Diala Dhouib.*	Decision Making Systems - *Souhir Ben Salah, Ayadi Omar , Masmoudi Faouzi.*
15:50	16:10	Behavior study of crossover and mutation operators for solving routing problems - *Olfa Chebbi, Chaouachi Jouhaina*	Three level programming to resolve principal-agent model of earnings management using the game theory - *Souhir Neifar , Ben Abdelaziz Fouad .*	A Risk Control Method in the Hospital Environment Based on Fuzzy Linguistic 2-Tuple Representation - *Sawssen Maalej , Habib Chabchoub*
16:10	16:30	Scheduling visits for Home Care Providers in the context of continuity of care - *Malek Masmoudi, Racem Mellouli, Ikram Khatrouch*		
16:30	19:00	**Free Time**		
19:00	20:30	**Dinner**		
20:30	0:00	**TORS Social Event**		

TORS 2015 Program

Sunday, June 14, 2015

Begin	End	Plenary Room	Room 1	Room 2
Stream		**Mathematical Programming** *Chair: Dr. Wiem Mouelhi*	**Heuristic & Metaheuristic** *Chair: Dr. Souhail Dhouib*	**Planning & Scheduling** *Chair: Dr. Abdelkarim Elloumi*
9:10	9:30	Relaxation et méthode de base non réalisable pour la résolution des problèmes linéaires à variables bornées - *Lamia Dammak, Hédi Nabli.*	MICSYN - Embedded Systems 3DIC Microelectronics Synthesis - *Omar Hammami.*	NP-complétude du problème du flowshop à deux machines avec des opérations couplées - *Nadjat Meziani, Abderrahmane Mira Béjaia*
9:30	9:50	Approach to further audit quality and appropriate affectation of patients on operating room with the available resource - *Dalel Amami, Abdelkarim Elloumi.*	Minimizing the total tardiness in a flowshop with blocking using the artificial bee colony algorithm - *Nouha Nouri, Ladhari Talel.*	Management des situations de haute tension dans l'hôpital *Habib Bourguiba* - *Marwa Chalgham.*
9:50	10:10	Mixed integer linear model for dial a ride problem in home health care services - *Manal Ayadi, Habib Chabchoub, Adnan Yassine*	Méthode heuristique pour la résolution de problème de tournées de véhicules avec collecte et livraison simultanées - *Hamdi Radhoui, Jalel Euchi , Cyril Fonlupt*	Operational Research - *Hanen Ben Ammar, Ayadi Omar , Masmoudi Faouzi*
10:10	10:30	**Coffee Break**		
Stream		**Planning & Scheduling** *Chair: Dr. Sonda Elloumi*	**Mathematical Programming** *Chair: Dr. Jalel Eleuchi*	**Decision Theory** *Chair: Dr. Ayman Boujelben*
10:30	10:50	Personnel scheduling in the transport sector: Literature review - *Mayssa Koubaa , Souhail Dhouib, Diala Dhouib, Abderrahman El-Mhamedi*	Développement d'une méthode multicritère linguistique conservant l'interaction entre les critères - *Sonia Hajlaoui, Nesrin Halouani, Habib Chabchoub*	Procédure de rangement par tris itérés en aide multicritère à la décision - *Mohamed Farah.*
10:50	11:10	La minimisation de la somme des dates de fin des tâches multiprocesseur sur deux processeurs dédiés. *Adel Kacem, Abdelaziz Dammak.*	Supplier selection under supply chain disruption risks with stochastically dependent demand - *Faiza Hamdi, Ahmed Ghorbel, Faouzi Masmoudi, Lionel Dupont.*	A general class of mean and dual pair of uniform (0.1) order statistics based OWA operators - *Dalel Amami.*
11:10	11:30	Les impacts du « Lean Manufacturing » sur la performance industrielle â un Cas d'une société industrielle Tunisienne, *Rochdi Ellouze*	Network design and planning with pooling of resources: the context of merging two logistics entities - *Istabrak Daoud, Racem Mellouli.*	Application of multi-criteria decision making for selection teams in healthcare system - *Ikram Khatrouch, Lyes Kermad , El-Mhamedi Abderrahman ,Younes Boujelbene*
11:30	12:00	**Closing Session & Awards**		
12:30	14:00	**Lunch**		