Final Program

		SUNDAY 28/04/2013
8.00 - 9.00		Registration
9.00 - 9.40		Opening Ceremony
3.00 - 3.40		Under the patronage of the Ministry of Higher Education and Research Professor Moncef Ben Salem
9.40 - 10.20	P1-1	Modeling and Optimization for Sustainability in Transport Systems using Artificial Intelligence (Chair: Fouad Ben Abdelaziz)
		Ghassan Abu-Lebdeh
10.20 - 10.40		COFFEE BREAK
		A. Friday de Marconnel (Original Laboratory)
		A1 - Engineering Management (Chair: Abdelkader Mazouz)
10.40 - 11.00	A1-1	Optimizing the Performance of Complex Maintenance Systems
		Chefi Triki, Abdallah Alalawin and Gianpaolo Ghiani
11.00 - 11.20	A1-2	Process Optimum Design
		Abdelkader Mazouz
11.20 - 11.40	A1-3	Optimizing Cost and Quality of International Calls Routing Using Multi-Objective Optimization Techniques
		Fouad Ben Abdelaziz and Samer El Gamal
11.40 - 12.00	A1-4	A novel Scheme for Economic Ranking of the European Union Countries toward 2020 by MULTIMOORA Optimization
11.10 12.00		Brauers Willem Karel M., Baležentis Alvydas and Baležentis Tomas
		A2 - Operations Management-1 (Chair: Rim Kalaï)
10.40 - 11.00	A2-1	Cycle-Service-Level in Guaranteed-Service Supply Chains
		Ayse Sena Eruguz, Zied Jemai, Evren Sahin, Yves Dallery
11.00 - 11.20	A2-2	Imbricating Tasks in a Multichannel Contact Center
11.00 11.20		Benjamin Legros, Oualid Jouini and Ger Koole
11.20 - 11.40	A2-3	Integrated Surface and Departure Management at Airports by Optimization
11.20 - 11.40		Dag Kjenstad, Carlo Mannino, Patrick Schittekat and Morten Smedsrud
11.40 - 12.00	A2-4	Comparison Between Continuous Review Inventory Control Systems for Perishables With Deterministic Lifetime and Lead Time
11.40 - 12.00	A2-4	Chaaben Kouki, Zied Jemai, Evren Sahin and Yves Dallery
		A3 - Mechanical Engineering-1 (Chair: Verica Radisavljevic-Gajic)
10.40 - 11.00	A3-1	Complexity adaption of simulation models in a function-based modular framework
10.40 - 11.00	7.01	Florian Netter, Frank Gauterin and Chu Xu
11.00 - 11.20	A3-2	Modeling of Solid Oxide Fuel Cells (SOFCs): An Overview
11.00 - 11.20	M3-2	Michael Lee, Gunhyung Park and Verica Radisavljevic-Gajic
		Numerical Investigation To Study Airfoil Efficiency In Plunging Motion
11.20 - 11.40	A3-3	Mohamed Mehdi Oueslati , Anouar Wajdi Dahmouni, Mohieddine Ben Salah and Sassi Ben Nasrallah
		Adaptive Seismic Isolation of Structures Using MR-Fluid Dampers
11.40 - 12.00	A3-4	Ameen El Sinawi , Ali Al Jhemi and Mohammad AlHamaydeh
		A4 - Transportation-1 (Chair: Ghassan Abu-Lebdeh)
40.40 44.00	A 4 4	Demand Responsive Transport Problem A new modelization of static case
10.40 - 11.00	A4-1	Manel Ayadi , Habib Chabchoub and Adnan Yassine
		Evaluation of different vehicle management strategies for the Personal Rapid Transit System
11.00 - 11.20	A4-2	Ezzeddine Fatnassi, Olfa Chebbi and Jouhaina Chaouachi Siala
		An Optimization Tool for Intersection Design
11.20 - 11.40	A4-3	Nikiforos Stamatiadis, Adam Kirk and Nithin Agarwal
		Effect of Driver & Vehicle Characteristics on Speeds at a Tangent Section of a Rural Highway in Jordan
11.40 - 12.00	A4-4	Bashar Al-Omari, Ashraf Al-Ja'afari and Ghassan Abu-Lebdeh
		Dasmai Ar-Vinali, Asiliai Ar-Va alali aliu Gilassali Abu-Lebueli

		A5 - Electrical Engineering-1 (Chair: Mohamed Hassen)
	A5-1	Thermal Simulation Approach to the Cooling of a Power IGBT by Heat Pipes
10.40 - 11.00		Améni Driss , Samah Maalej and Mohamed Chaker Zaghdoudi
		Peer-to-Peer Communication on Android-Based Mobile Devices: Middleware and Protocols
11.00 - 11.20	A5-2	Waheb A. Jabbar, M. Ismail and R. Nordin
		A New Software Program for Power flow solution computing using LabVIEW
11.20 - 11.40	A5-3	
		Slimane Souag , Farid Benhamida, Fatima Zohra Gherbi and Amel Graa
11.40 - 12.00	A5-4	Short-Term Wind Power Forecast for Economic Dispatch
		Ahmed Osman, Mohamed Hassan and Taha Landolsi A6 - Applied Optimization-1 (Chair: Hazim EI-Baz)
		1
10.40 - 11.00	A6-1	A Variable Neighborhood Descent for solving the Single Machine Total Weighted Tardiness Problem
		Hiba Yahyaoui, Saoussen Krichen, Bilel Derbel and El-Ghazali Talbi
11.00 - 11.20	A6-2	Solving the Person-based Multitask Shift Generation Problem With Breaks
		Nico Kyngäs, Kimmo Nurmi and Jari Kyngäs
11.20 - 11.40	A6-3	Novel Modeling Paradigm For The Algal Production Of Biofuel
		Rohit Sharma, Avanish K Tiwari and G. Sanjay Kumar
11.40 - 12.00	A6-4	A new modelling for p-hub median problem by considering flow-dependent costs
		Masoud Rabbani, Farhang Pakzad and Seyed Mahmood Kazemi
12.00 - 14.00		LUNCH
14.00 - 14.40	P1-2	Optimzation in supply chain management: packing and routing (Chair: Ismail Kucuk)
		Saoussen Krichen
		PA Combinate for Confession 4 (Olivia Tabillia III as)
	B1-1	B1 - Combinatorial Optimization-1 (Chair: Talel Ladhari)
14.40-15.00		Solving the Steiner Tree Problem with Revenues, Budget and Hop Constraints to optimality
		Safa Bhar Layeb, Ines Hajri and Mohamed Haouari
15.00 - 15.20	B1-2	Artificial Bee Colony Metaheuristic to Find Pareto Optimal Set Solutions for engineering design problems Saïma Dhouib , Souhail Dhouib and Habib Chabchoub
		Nonlinear system identification of Hestersis-Backlash in Hammerstein models
15.20 - 15.40	B1-3	Elayyan Elamari
		A Balanced Approach for Hazardous waste allocation problem
15.40 - 16.00	B1-4	Ines Kanoun, Youssef Masmoudi, Habib Chabchoub and Belaid Aouni
		B2 - Multiple Criteria Decision (Chair: Matthias Takouda)
		On solving the bi-objective aircraft cargo loading problem
14.40-15.00	B2-1	Nadia Dahmani and Saoussen Krichen
45.00 45.00	DO O	Benchmarking chains of hardware retail stores in Canada
15.00 - 15.20	B2-2	Pawoumodom M. Takouda and Mohamed Dia
15.20 - 15.40	B2-3	Comparing Multi-Criteria Decision Aid Methods Through a Ranking Stability Index
10.20 - 10.40	DZ-3	Mbarka Selmi, Tarek Kormi and Nizar Bel Hadj Ali
		B3 - Mechanical Engineering-2 (Chair: Verica Radisavljevic-Gajic)
14.40-15.00	B3-1	Effect of the design moldboard on the tillage forces
		Ayadi Ibrahmi , Hatem Bentaher and Aref Maalej
15.00 - 15.20	B3-2	Fatigue crack initiation and vibration prediction life of turbine blade
		S. Lecheb, T.Djeddid, A.Chellil, A. Nour, M.Cherigui and H. Kebir
15.20 - 15.40	B3-3	Aeroelastic stability analysis of composite rotor blade
		A.Chellil, A.T.Settet, S.Lecheb, A.Nour, A.Yahiaoui and H.KEBIR
15.40 - 16.00	B3-4	Linearized State-Space Model of the behavior of MR-Fluid Dampers
		A.H. ElSinawi , Ali Jhemi and Mohammad AlHamaydeh

		PA. Capatia Algoritma (Chair: Caayaaan Krishan)
	 	B4 - Genetic Algoritms (Chair: Saoussen Krichen)
14.40-15.00	B4-1	Solving Resource-Constrained Project Scheduling Problem by A Genetic Local Search Approach
		Olfa Dridi , Saoussen Krichen and Adel Guitouni
15.00 - 15.20	B4-2	A Genetic Algorithm for the Two-level Location Area Planning in Telecommunication Networks
		Ons Abdelkhalek, Saoussen Krichen and Adel Guitouni
15.20 - 15.40	B4-3	On parameters optimization of dynamic weighted majority algorithm based on Genetic Algorithm
		Dhouha Mejri, Mohamed Limam and Claus Weihs
15.40 - 16.00	B4-4	Behavior study of genetic operators for the minimum sum coloring problem
		Hend Bouziri and Olfa Harrabi
		B5 - Electrical Engineering-2 (Chair: Mohamed Hassan)
14.40-15.00	B5-1	Finite Element Modeling and Dynamic Simulation of Nonlinear VRM using MATLAB
		Tariq Benamimour, Amar Bentounsi, Hind Djeghloud, and Ilhem Bouchareb
15.00 - 15.20	B5-2	Modeling and simulation of single phase inverter connected to the grid based on the shifting phase and DPWM patterns
		L.Hassaine, E.Olias and J.Quintero
15.20 - 15.40	B5-3	Optimal Power Flow with Emission Controlled using Firefly Algorithm
		Ouafa Herbadji, Ketfi Nadhir, Linda Slimani and Tarek Bouktir
15.40 - 16.00	B5-4	SCADA application of a Water Steam Cycle of a Thermal Power Plant
		Mohamed Najeh Lakhoua
		B6 - Applied Optimization-2 (Chair: Rim Kalaï)
14.40-15.00	B6-1	A metaheuristic for solving the single-product/single-robot hoist scheduling problem under environmental costs
		R. Ben Othmen, S. Hajri Gabbouj and T. Ladhari
15.00 - 15.20	B6-2	A clustering based simulated annealing approach for solving an un-capacitated single allocation p-hub location problem
		Zeinab Rasoulinejad , Mahdi Bashiri and Masoud Mehrbanfar
15.20 - 15.40	B6-3	An efficient Branch and Bound algorithm to solve the permutation flowshop scheduling problem with blocking constraints
		Said Toumi, Bassem Jarboui, Mansour Eddaly and Abdelwaheb Rebai
15.40 - 16.00	B6-4	New lower bounds for the blocking flowshop scheduling problem to minimize the total completion time criterion
		Said Toumi, Bassem Jarboui, Mansour Eddaly and Abdelwaheb Rebai
16.00 - 16.20		COFFEE BREAK
		Or Applie West and to (Or to Invest Knowl)
		C1 - Applied Mathematics (Chair: Ismail Kucuk)
16.20 - 16.40	C1-1	Existence and uniqueness of the inversion of a generalized Radon transform
		Rim Gouia-Zarrad
16.40 - 17.00	C1-2	Active Control of Forced Vibrations in a Beam Via Maximum Principle
		Ismail Kucuk, Kenan Yildirim, The Late Ibrahim Sadek and Sarp Adali
17.00 - 17.20	C1-3	Equilibrium customers strategies in a single server M2/W1 queue
17.00 - 17.20	01-0	Fazia Rahmoune , Mohammed Said Radjef and Sofiane Ziani
47.00 47.40	C4.4	Nonsmooth Newton's method for positive semi definite solution of nonlinear matrix equations
17.20 - 17.40	C1-4	Boubakeur Benahmed , Khadra Nachi and Adnan Yassine
		C2 - Mechanical Engineering-3 (Chair: Verica Radisavljevic-Gajic)
40.0	22 :	Solar Tower Plant Implementation in northern Algeria: Technico economic assessment
16.20 - 16.40	C2-1	Salah Boudaoud, Abdallah Khellaf and Kamel Mohammedi
		Impact of aspect ratio on air renewal in a street canyon: Numerical study.
16.40 - 17.00	C2-2	Remili Sadia , Azzi Abbes and Nemdili Fadela
17.00 - 17.20	C2-3	Numerical Analysis of Flows and Heat Transfer Within Grooved Flat Mini Heat Pipes
		Jed Mansouri, Samah Maalej, Mohamed Ben Hassine Sassi and Mohamed Chaker Zaghdoudi
17.20 - 17.40	C2-4	Pseudo Bond graph Model of a Thermo-Hydraulic System
		Emna Aridhi , Mehdi Abbes and Abdelkader Mami
17.40 - 18.00	C2-5	On the effectiveness of the coupling FEM-BEM approach for solving the elasto-plastic problems
17.40 - 10.00		

		C3 - Financial Engineering (Chair: El Fayedh Rimeh)
16.20 - 16.40	C3-1	Neural Network Design Parameters for Forecasting Financial Time Series
10.20 - 10.40	03-1	Assia Lasfer, Hazim El-Baz and Imran Zualkernan
16.40 - 17.00	C3-2	Scenario Generation for Multi-objective Stochastic Portfolio Selection
10.40 - 17.00	03-2	El Fayedh Rimeh, Ben Abdelaziz Fouad and Aouni Belaid
17.00 - 17.20	C3-3	Informational market efficiency in GCC region: A comparative study between Islamic and conventional markets
17.00 - 17.20	03-3	Leila Gharbi and Khamoussi Halioui
17.20 - 17.40	C3-4	Multi-input Single-Output (MISO) Random System Modeling Using Methods of System Identification
17.20 - 17.40	00 4	Ameen El-Sinawi , Hazim El-Baz and Noha Tarek Amer
		C4 - Neural Network & Fuzzy Systems (Chair: Naveed Abbasi)
16.20 - 16.40	C4-1	A Dwi-Phase Fuzzy Control Structure for an Auto-mode Stair Climbing Wheelchair
10.20 10.10		N.M.A Ghani and M.O. Tokhi
16.40 - 17.00	C4-2	Vibration characterization using gaussian laser beam
16.40 - 17.00	04-2	Naveed A. Abbasi, Taha Landolsi and Rached Dhaouadi
17.00 - 17.20	C4-3	Nonlinear Multivariate Statistical Process Monitoring of a Water Treatment Plant
17.00 - 17.20	04-3	Khaled MENDACI, Messaoud RAMDANI and Toufik BENZARAA
17.20 - 17.40	C4-4	Reliability estimation with Extrinsic and Intrinsic measure in belief function theory
17.20 - 17.40	04.4	Ahmed Samet, Eric Lefèvre and Sadok Ben Yahia
		C5 - Water Resources Management-1 (Chair: Sihem Benabdallah)
16.20 - 16.40	C5-1	Assessing the impacts of climate change in Mediterranean catchments under conditions of data scarcity - The Gaza Case Study
		David Gampe, Ralf Ludwig and Samir Afifi
16.40 - 17.00	C5-2	Setting up the water balance simulation model WaSiM for the assessment of climate change impacts in Chiba basin, Tunisia
10.40 17.00	002	Franz Hummel, Joachim Post, Günter Strunz, Ralf Ludwig, Annemarie Hoffmann and Sihem Benabdallah
17.00 - 17.20	C5-3	Assessment of the SWAT model prediction uncertainty using the GLUE approach: A case study of the Chiba catchment (Tunisia)
17.00 17.20		Haykel Sellami, Marnik Vanclooster, Sihem Benabdallah and Isabelle La Jeunesse
17.20 - 17.40	C5-4	Considering tributaries to reconstitute an extreme event on a portion of the Medjerda river
17.20 - 17.40	00 4	Abidi Sahar, Habaieb Hamadi and Hermassi Taoufik
		C6 - Applied Optimization-3 (Chair: Taicir Loukil)
16.20 - 16.40	C6-1	Selecting Configuration Of Reverse Logistics Network Using Sustainability Indicators
		Soumaya Dhib, Taicir Loukil, Sid-Ali Addouche and Abderrahman El Mhamedi
16.40 - 17.00	C6-2	Improvement Heuristic For Solving The One-Dimensional Bin-Packing Problem
10.10 11.00		Sofiene Abidi , Saoussen Krichen, Enrique Alba and Juan M. Molina
17.00 - 17.20	C6-3	Dynamic Group Transit Scheme for Corridor Transit
17.00 - 17.20	Ub-3	Ondrej Vanek and Michal Pechoucek
17.20 - 17.40	C6-4	A new realistic modeling approach for two-echelon logistics network design
17.20 - 17.40		Fatma Moalla, Racem Mellouli and Habib Chabchoub

		MONDAY 29/04/2013
8.00 - 9.00		Registration
9.00 - 9.40	P2-1	Task Scheduling for Multifunction Radar (Chair: Hatem Masri)
0.00 0.40		Hasan S. Mir
		D1 - Supply Chain Management (Chair: Abdelkader Mazouz)
9.40 - 10.00	D1-1	Heuristics Approaches for the Industrial Storage Problem
		Salma Mezghani and Ahmed Frikha
10.00 - 10.20	D1-2	Sharing demand forecasts in a basic supply chain using game theory
10.00 - 10.20	D1-2	IIham SLIMANI and Said ACHCHAB
	5.4.0	Dyadic supply chains efficiency: A new theoretical framework to consider members power relationship and decision makers preferences
10.20 - 10.40	D1-3	Walid Abdelfattah and Abdelwaheb Rebai
		Performance of Tunisian enterprises integrating quality system, ERP (Enterprise Resource Planning) and SCM (Supply Chain
10.40 - 11.00	D1-4	Management) Ismahene Aouadni and Abdelwaheb REBAI
		D2 - Particle Swarm and Bee Algorithms (Chair: Saoussen Krichen)
		A new Method for Improving Particle Swarm Optimization Algorithm (TriPSO)
9.40 - 10.00	D2-1	Mohammed Qais and Zeyad AbdulWahid
		A particle swarm optimization for solving the one dimensional container loading problem
10.00 - 10.20	D2-2	Takwa Tilii , Sami Faiz and Saoussen Krichen
10.20 - 10.40	D2-3	A discrete artificial bee colony algorithm for resource-constrained project scheduling problem
		Nouha Nouri, Saoussen Krichen and Talel Ladhari
10.40 - 11.00	D2-4	Particle swarm optimization for support vector clustering "Separating hyperplane of unlabeled data"
		Souad Chaabouni, Salma Jammoussi and Yassine Benayed
		D3 - Mathematical Modeling (Chair: Maurizio Boccia)
9.40 - 10.00	D3-1	Mixed Integer Lifted Cover Inequalities for knapsack problems with a single continuous variable
		Pasqaule Avella, Sara Mattia and Maurizio Boccia
10.00 - 10.20	D3-2	Sustainable Supply Chains Optimization Mathematical Modeling Approach
		Amin Chaabane
10.20 - 10.40	D3-3	The inclusion interaction between an anti inflamatory with β-cyclodextrin
		Sahra Khalil, Dinar Karim and Kadri Mekki
10.40 - 11.00	D3-4	New computational results with an exact knapsack separation procedure for structured Binary Integer Programming problems
		Maurizio Boccia, Said Hanafi and Igor Vasilyev
		D4 - Optimization & Information Security (Chair: Hatem Masri)
9.40 - 10.00	D4-1	Data Hiding in Spatial Domain Image Using Chaotic Map
		Soumaya Zaghban i and Rhouma Rhouma
10.00 - 10.20	D4-2	Firefly algorithm based energy loss minimization approach for optimal sizing & placement of distributed generation
		Ketfi Nadhir, Djabali Chabane and Bouktir Tarek
10.20 - 10.40	D4-3	Solution to An Attack on Digital Signature in SMS Security
10.20 - 10.40	0+3	Neetesh Saxena, Narendra S. Chaudhari and Jaya Thomas
10.40 11.00	D4-4	Genetic based Effective Column Generation for 1-D Cutting Stock Problem
10.40 - 11.00	D4-4	Jaya Thomas, Narendra S. Chaudhari and Neetesh Saxena
		D5 - Electrical Engineering-3 (Chair: Hasan S. Mir)
9.40 - 10.00	D5-1	A PSO Algorithm for Economic Scheduling of Power System Incorporating Wind Based Generation
3.40 - 10.00	20-1	F. Benhamida, Y. Salhi, S. Souag, A. Graa, Y. Ramdani and A. Bendaoud
10.00	De s	Design and implementation of Direct Torque Control of Induction Machine on FPGA
10.00 - 10.20	D5-2	Soufien Gdaim , Abdellatif Mtibaa and Mohamed Faouzi Mimouni
		Modelling a Unified Power Flow Controller for the Study of Power System Steady state and Dynamic Characteristics
10.20 - 10.40	D5-3	Djilani Kobibi Youcef, Hadjeri Samir, Zidi Sid Ahmed and Djehaf Mohamed
		Steady-State and Dynamic Modeling of Asynchronous Back-To-Back High Voltage Direct Current Link With Voltage Source Converters
10.40 - 11.00	D5-4	Djehaf M , Zidi S-A , Khatir M, Hadjeri S and Djilani Kobibi Y
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		D6 - Work-in-Progress Program (Chair: Taicir Loukil)
	D6-1	Simulation of uranium recovery process in multistage extraction units
9.40 - 10.00		Khleifia Naima , Saanoun Siwar, Hamdi Rania, Hannachi Ahmed
		'Influence of Capacity Variation to Regulate Voltage Quality for Doubly Fed Induction Generator
10.00 - 10.20	D6-2	
		Yahia Saoudi , Nizar Derbel and Hsan Hadj Abdallah
10.20 - 10.40	D6-3	Studying the effectiveness of exploiting exhaust gases of gas turbine units
		Ali Fadiel Ali , Mohamed Saleh Rezk
10.40 - 11.00	D6-4	Supply chain configuration for diffusion of new products: An integrated optimization approach
		Rim Jmal Feki and Abdelaziz Dammak D7 - Simulation (Chair: Saleh Ben Abdallah)
		1
9.40 - 10.00	D7-1	Development of Simulation-based optimization for controlling discharging operation of gasoil Nosaibeh Nosrati Ghods
		A Qualitative Modeling and Simulation Method Based on Cloud Model
10.00 - 10.20	D7-2	
		Chenxi Shao, Kelu Sun and Zhenzhong Shao
10.20 - 10.40	D7-3	Simulation docking of an anti-bacterial in β-cyclodextrin
		Dinar Karim, Sahra Khalil and Kadri Mekki
10.40 - 11.00	D7-4	The flows of water pipe systems
		A. Elaoud, E.Hadj Taieb, S. Chehaibi et M. Ben Amor
11.00 - 11.20		COFFEE BREAK
		E1 - Fuzzy Optimization (Chair: Olfa Meddeb)
11.00 - 11.20	E1-1	Hestitant-Fuzzy-Promethee method
11.00 - 11.20		Sonia Hajlaoui and Nesrin Halouani
11.20 - 11.40	E1-2	Multicriteria Fuzzy Clustering for Brain Image Segmentation
11.20 - 11.40		Olfa Limam and Fouad Ben Abdelaziz
11.40 - 12.00	E1-3	A characterization of fuzzy strategy-proof Social Choice Functions
11.40 - 12.00	210	Olfa Meddeb, Fouad Ben Abdelaziz and Jos Rui Figueira
12.00 - 12.20	E1-4	Fuzzy relative importance of customer requirements in Improving Product Development
		F.Bencherif, L. H. Mouss and M. Meguellati
		E2 - Statistical and Probabilistic Modeling-1 (Chair: Hana Sulieman)
11.00 - 11.20		
	E2-1	The three Statistical Control Charts using Ranked Set Sampling
	E2-1	The three Statistical Control Charts using Ranked Set Sampling Mu'azu Ramat Abujiya and Muhammad Hisyam Lee
11.20 - 11.40	E2-1 E2-2	
11.20 - 11.40		Mu'azu Ramat Abujiya and Muhammad Hisyam Lee
11.20 - 11.40		Mu'azu Ramat Abujiya and Muhammad Hisyam Lee A consistent test for Unit Root against fractional alternative
	E2-2	Mu'azu Ramat Abujiya and Muhammad Hisyam Lee A consistent test for Unit Root against fractional alternative Ahmed BENSALMA
	E2-2	Mu'azu Ramat Abujiya and Muhammad Hisyam Lee A consistent test for Unit Root against fractional alternative Ahmed BENSALMA Profile-based Sensitivity in the Design of Experiments for Parameter Precision
11.40 - 12.00	E2-2 E2-3	Mu'azu Ramat Abujiya and Muhammad Hisyam Lee A consistent test for Unit Root against fractional alternative Ahmed BENSALMA Profile-based Sensitivity in the Design of Experiments for Parameter Precision Hana Sulieman The belief function theory within the framework of a localization of an object Samah Yahia, Souhir Fterchi and Mohamed Nacer Abdelkrim
11.40 - 12.00	E2-2 E2-3	Mu'azu Ramat Abujiya and Muhammad Hisyam Lee A consistent test for Unit Root against fractional alternative Ahmed BENSALMA Profile-based Sensitivity in the Design of Experiments for Parameter Precision Hana Sulieman The belief function theory within the framework of a localization of an object Samah Yahia, Souhir Fterchi and Mohamed Nacer Abdelkrim E3 - Operations Management-2 (Chair: Rim Kalaï)
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11.40 - 12.00	E2-2 E2-3 E2-4	Mu'azu Ramat Abujiya and Muhammad Hisyam Lee A consistent test for Unit Root against fractional alternative Ahmed BENSALMA Profile-based Sensitivity in the Design of Experiments for Parameter Precision Hana Sulieman The belief function theory within the framework of a localization of an object Samah Yahia, Souhir Fterchi and Mohamed Nacer Abdelkrim E3 - Operations Management-2 (Chair: Rim Kalaï) A MILP formulation for a batch scheduling problem on parallel machines in the aircraft industry Maurizio Boccia, Giuseppe Bruno and Claudio Sterle
11.40 - 12.00	E2-2 E2-3 E2-4	Mu'azu Ramat Abujiya and Muhammad Hisyam Lee A consistent test for Unit Root against fractional alternative Ahmed BENSALMA Profile-based Sensitivity in the Design of Experiments for Parameter Precision Hana Sulieman The belief function theory within the framework of a localization of an object Samah Yahia, Souhir Fterchi and Mohamed Nacer Abdelkrim E3 - Operations Management-2 (Chair: Rim Kalaï) A MILP formulation for a batch scheduling problem on parallel machines in the aircraft industry Maurizio Boccia, Giuseppe Bruno and Claudio Sterle Multi Agent based Joint Production and Maintenance Scheduling Considering Human Resources
11.40 - 12.00 12.00 - 12.20 11.00 - 11.20	E2-2 E2-3 E2-4	Mu'azu Ramat Abujiya and Muhammad Hisyam Lee A consistent test for Unit Root against fractional alternative Ahmed BENSALMA Profile-based Sensitivity in the Design of Experiments for Parameter Precision Hana Sulieman The belief function theory within the framework of a localization of an object Samah Yahia, Souhir Fterchi and Mohamed Nacer Abdelkrim E3 - Operations Management-2 (Chair: Rim Kalaï) A MILP formulation for a batch scheduling problem on parallel machines in the aircraft industry Maurizio Boccia, Giuseppe Bruno and Claudio Sterle Multi Agent based Joint Production and Maintenance Scheduling Considering Human Resources Sabrina Bouzidi-Hassini and Fatima Benbouzid-Sitayeb
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11.40 - 12.00 12.00 - 12.20 11.00 - 11.20 11.20 - 11.40	E2-2 E2-3 E2-4 E3-1 E3-2	Mu'azu Ramat Abujiya and Muhammad Hisyam Lee A consistent test for Unit Root against fractional alternative Ahmed BENSALMA Profile-based Sensitivity in the Design of Experiments for Parameter Precision Hana Sulieman The belief function theory within the framework of a localization of an object Samah Yahia, Souhir Fterchi and Mohamed Nacer Abdelkrim E3 - Operations Management-2 (Chair: Rim Kalaï) A MILP formulation for a batch scheduling problem on parallel machines in the aircraft industry Maurizio Boccia, Giuseppe Bruno and Claudio Sterle Multi Agent based Joint Production and Maintenance Scheduling Considering Human Resources Sabrina Bouzidi-Hassini and Fatima Benbouzid-Sitayeb The Home Care Scheduling Problem: A modeling and solving issue Jaber Jemai, Marouen Chaieb and Khaled Mellouli
11.40 - 12.00 12.00 - 12.20 11.00 - 11.20 11.20 - 11.40	E2-2 E2-3 E2-4 E3-1 E3-2	Mu'azu Ramat Abujiya and Muhammad Hisyam Lee A consistent test for Unit Root against fractional alternative Ahmed BENSALMA Profile-based Sensitivity in the Design of Experiments for Parameter Precision Hana Sulieman The belief function theory within the framework of a localization of an object Samah Yahia, Souhir Fterchi and Mohamed Nacer Abdelkrim E3 - Operations Management-2 (Chair: Rim Kalaï) A MILP formulation for a batch scheduling problem on parallel machines in the aircraft industry Maurizio Boccia, Giuseppe Bruno and Claudio Sterle Multi Agent based Joint Production and Maintenance Scheduling Considering Human Resources Sabrina Bouzidi-Hassini and Fatima Benbouzid-Sitayeb The Home Care Scheduling Problem: A modeling and solving issue

		E4 - Graph theory and Logistics (Chair: Ghassan Abu-Lebdeh)
	E4-1	
11.00 - 11.20		Graphs whose indecomposability graph is 2-covered
		Rim Ben Hamadou and Imed Boudabbous
11.20 - 11.40	E4-2	The Impact of Mid-Block Crossing on Urban Arterial Operational Charactersitcs using Multimodal Microscopic Simulation Approach
		Mohammad S. Ghanim and Sameer A. Abu-Eisheh
11.40 - 12.00	E4-3	Modeling Historical Traffic Data using Artificial Neural Networks
		Mohammad S. Ghanim, Ghassan Abu-Lebdeh and Kamran Ahmed
12.00 - 12.20	E4-4	Microscopic Simulation Study of Transit Signal Priority Implementation Along an Arterial Corridor
		Mohammad S. Ghanim, Ghassan Abu-Lebdeh and Kamran Ahmed
		E5 -Electrical Engineering-4 (Chair: Mohamed Hassen)
11.00 - 11.20	E5-1	Design of a device for transferring power and data to a cochlear implant
		Kaoula Tayari, Mondher Chaoui, Mongi Lahiani and Hamadi Ghariani
11.20 - 11.40	E5-2	A Simplified Modelling Approach for AlGaN/GaN HEMTs Using Pinched Cold S-parameters
		Anwar Jamdal
11.40 - 12.00	E5-3	Measurements Uncertanity and Modeling Reliability of GaN HEMTs
11.40 - 12.00	L5-3	Anwar Jarndal
		E6 -Work-in-Progress Program (Chair: Mouna Ben Brahim)
11.00 - 11.20	E6-1	Cooperative and non cooperative R&D equilibrium strategies with surfers
11.00 - 11.20	L0-1	Mouna Ben Brahim, Fouad Ben Abdelaziz and Georges Zaccour
44.00 44.40	F0.0	Financial and Tax Aggressiveness Optimization Modelling Based on Game Theory
11.20 - 11.40	E6-2	Souhir Neifar and Halioui Khamoussi
44.40.40.00	E6-3	Informational flows between managers and analyst
11.40 - 12.00	E0-3	Radhouane Kammoun and Wissal Ayadi
12.00 - 12.20	E6-4	A multi-scenario stochasric goal programming model to group decision making with fuzzy preference relations
12.00 - 12.20	E6-4	Laila Messaoudi and Abdelwaheb Rebai
		E7 - Water Resources Management-2 (Chair: Franz Hummel)
11.00 - 11.20	E7-1	Influence of spatio-temporal variability of soil surface states on the watershed hydrology behaviour - case study of El hnach waterhed in Tunisian semi arid
11.00 11.20		Hajji Olfa, Hermassi Taoufik, Habaieb Hamadi and Mohamed Raouf Mahjoub
11.20 - 11.40	E7-2	Effect of planned marina on Enfidha groundwater (Tunisia) A local-scale groundwater modeling
11.20 - 11.40	2, 2	Faten Jarraya Horriche, Mounira Zammouri and Sihem Benabdallah
44.40.40.00	F7.0	Implementation of a Hydrological modeling of groundwater recharge for the Chiba catchment (Cap-Bon, Tunisia)
11.40 - 12.00	E7-3	Asma Chemingui, Faten Horriche and Claudio Paniconi
		Sensitivity analysis of SWAT model to the spatial rainfall distribution and watershed subdivision in streamflow simulations in the Mediterranean context: a case study in the Journine watershed. Tunisia.
12.00 - 12.20	E7-4	Jalel Aouissi, Sihem Benabdallah, Zohra Lili Chabaâne and Christophe Cudennec
12.20 - 14.00		LUNCH
14.00 - 14.40	P2-2	Uncertainty and Optimization: A Unified approach (Chair: Salah Ben Abdallah)
		Hatem Masri
		F1 - Scheduling-1 (Chair: Talel Ladhari)
14.40-15.00	F1-1	Iterated Local Search and Iterated Greedy Local Search for Two machines Permutation Flowshop Scheduling Problem with Time Lag
		Amdouni Hajer and Ladhari Talel
15.00 - 15.20	F1-2	Genetic Local Search Algorithm for minimizing the total completion time in single machine scheduling problem with release dates and precedence constraints
10.20	F1-2	Ichraf Zaidi, Mehdi Mrad and Talel Ladhari
15.20 - 15.40	F1-3	A new lower bound for minimising the total completion time in two-machine flow shop under release dates
10.20 - 10.40		Sabrine Chalghoumi , Mehdi Mrad and Talel Ladhari
15.40 - 16.00	F1-4	The Genetic algorithm with two-point crossover to solve the Resource-Constrained Project Scheduling Problems
		Héla Ouerfelli and Abdelaziz Dammak

	Ī	EQ. Multiphipative Optimization 4 (Chair: Daloid Apuni)
		F2 - Multiobjective Optimization-1 (Chair: Belaïd Aouni)
14.40-15.00	F2-1	Manager's Preferences Modeling within the Bi-Objectives Bin Packing Problem
		Salma Mezghani , Habib Chabchoub and Belaïd Aouni
15.00 - 15.20	F2-2	An Interactive Goal Programming Model Based on the Satisfaction Functions
		Aouni Belaid, Martel Jean-Marc and Hassaïne Amal
15.20 - 15.40	F2-3	Vendor selection using Goal Programming with Satisfaction Functions
		Smaoui Soulef and Jedidi Hichem
15.40 - 16.00	F2-4	A multi-objective modeling of K-coverage problem under accuracy constraint
		Matthieu Le Berre, Faycal Hnaien and Hichem Snoussi
		F3 - Transportation-2 (Chair: Nikiforos Stamatiadis)
14.40-15.00	F3-1	Proposing a new mathematical formulation for modeling costs in a p-hub center problem
		Masoud Rabbani, Saeed Zameni and Seyed Mahmood Kazemi
15.00 - 15.20	F3-2	Heuristics for Rich Profitable Tour Problems
		Rahma Lahyani , Khemakhem Mahdi and Frédéric Semet
15.20 - 15.40	F3-3	Do CEOs Personal Characteristics Matter on Transport Firm Value? a Stochastic Frontier Model
		Ezzeddine Ben Mohamed , Sami Jarboui, Amel Baccar and Abdelfettah Bouri
15.40 - 16.00	F3-4	Implementation of four index transportation problem: Heuristic method determining the input database for the mathematical model from the industrial database
		Tuyet-Hoa Pham and Philippe Dott
		F4 - Classification and Clustering-1 (Chair: Zied Elouedi)
14.40-15.00	F4-1	A classification approach to extract biological events
14.40-13.00	14-1	Maha Amami, Rim Faiz and Aymen Elkhlifi
15.00 - 15.20	F4-2	An Efficient Character Recognition Scheme Based on K-Means Clustering
15.00 - 15.20	1 4-2	Sajjad Pourmohammad, Reza Soosahabi and Anthony S. Maida
15.20 - 15.40	F4-3	A New Compression Framework: 'A-M' adaptive Code
13.20 - 13.40		Ahmed Mokhtar, A.Mansour and M. A. Fouad
15.40 - 16.00	F4-4	K-Means clustering based on Gower Similarity Coefficient: A comparative study
13.40 - 10.00	F4-4	Bilel Ben Ali and Youssef Massmoudi
		F5 - Stochastic Optimization-1 (Chair: Chefi Triki)
14.40-15.00	F5-1	Novel Adaptive Bacteria Foraging Algorithms for Global Optimization
14.40-13.00	13-1	A. N. K. Nasir and M. O. Tokhi
45.00 45.00	FF 0	Combined optimization of shipping and storage costs in a multi-product and multi-level supply chain, under a stochastic demand
15.00 - 15.20	F5-2	Tikito Kawtar, Achchab Said and Benadada Youssef
15 20 45 40	FF 2	Inventory management with supplier selection problem: Supply uncertainty
15.20 - 15.40	F5-3	Sourour Aouadni and Abdelwaheb Rebai
15 40 40 00	F5-4	A fuzzy stochastic goal programming approach for solving portfolio selection problem
15.40 - 16.00	1 5-4	Laila Messaoudi and Abdelwaheb rebai
		F6 - Work-in-Progress Program (Chair: Moncef Abbas)
44.40.47.00	F0 /	An algorithm with gain cycle for resolution the bi objective minimum cost flow problem
14.40-15.00	F6-1	Moncef Abbas
		Dynamics of Discrete Models of Biological Networks: An Algebraic Approach
15.00 - 15.20	F6-2	Abdul Salam Jarrah
45.00	F	Multiobjective Stochastic Vehicle Routing Problem
15.20 - 15.40	F6-3	Fouad Ben Abdelaziz, Houda Alaya and Hatem Masri
45.40	F	Managing intensive care unit and intra-hospital transport of critically ill patients
15.40 - 16.00	F6-4	Hadhemi Saadouli , Abdelkarim Elloumi and Abdelaziz Dammak
16.00 - 16.20		COFFEE BREAK
	l	

		G1 - Scheduling-2 (Chair: Talel Ladhari)
		A heuristic for the network migration scheduling problem
16.20 - 16.40	G1-1	3 31
		Ali Balma, Nejib Hadj-Alouane and Atidel B. Hadj-Alouane
16.40 - 17.00	G1-2	An arc flow model for the two stages variable size cutting stock problem
		Ines Meftehi and Mehdi Mrad
17.00 - 17.20	G1-3	Logic-based Benders decomposition to solve the permutation flowshop scheduling problem with time lags
		Imen Hamdi and Taïcir Loukil
		G2 - Multiobjective Optimization-2 (Chair: Jamil Razmak)
16.20 - 16.40	G2-1	Generating maximal efficient faces for the multiobjective multicommodity flow problem
		Hela Masri, Saoussen Krichen and Adel Guitouni
16.40 - 17.00	G2-2	An algorithm for the bi objective minimum cost flow problem with gain cycle
		Salima Nait-Belkacem and Moncef Abbas
17.00 - 17.20	G2-3	Multi-Criteria Decision Support Systems: A Glorious History and a Promising Future
		Aouni Belaid and Jamil Razmak
17.20 - 17.40	G2-4	On one approach for solving of some class of Multiobjective optimization problems with interval coefficients
		Sharif E. Guseynov and Sergey V. Drobyshev
		G3 - Statistical and Probabilistic Modeling-2 (Chair: Ismail Kucuk)
16.20 - 16.40	G3-1	Fluctuation and Scaling of Lyapunov Exponent in various system from one to two-dimensional with diagonal correlated disorder
		Mokhtar Djelloul and Nouredine Zekri
16.40 - 17.00	G3-2	Mixture Periodic GARCH models: Applications to Exchange Rate Modeling
10.10 11.00		Fayçal Hamdi and Said Souam
17.00 - 17.20	G3-3	Comparison of proportional hazards models and accelerated failure time models Application to real data "lung cancer"
17.00 - 17.20		Goual Hafida and Seddik Ameur Nacira
		G4 - Signal Processing-1 (Chair: Hassan Mir)
16.20 - 16.40	G4-1	Modelling of Polyaniline for Wi-Fi electromagnetic interference shielding
		Whamid Al-Shabib and Stefan W. Lachowicz
16.40 - 17.00	G4-2	On The Synthesis of digital two dimensional filters based on FIR filters approximation
10.40 17.00		Amel B. H. Adamou-Mitiche, Lahcène Mitiche and Vasile Sima
17.00 - 17.20	G4-3	A Robust Detection and removal of beard from three dimensional human face
17.00 - 17.20	J4-3	Dhahri Rokaya and Samir Belaid
17 20 17 40	G4-4	A Fast New Method to Mitigate Amplifier-Induced ICI in OFDM systems Based on Predistortion in DFT Domain
17.20 - 17.40	G4-4	Reza Soosahabi, Nasim Nasirian, Mort Naraghi-Pour and Magdy Bayoumi
		G5 - Graphical models under uncertainty-1 (Chair: Nahla Ben Amor)
16.20 - 16.40	G5-1	Belief Hidden Markov Model for Speech Recognition
11.20 10.40		Siwar Jendoubi, Boutheina Ben Yaghlane and Arnaud Martin
16.40 - 17.00	G5-2	On the modeling of causal belief networks
16.40 - 17.00	G3-2	Imen Boukhris , Zied Elouedi and Salem Benferhat
17.00 17.00	GE 2	A Compilation based Approach to Inference in Dynamic Evidential Networks
17.00 - 17.20	G5-3	Laamri Wafa , Boutheina Ben Yaghlane and Christophe Simon
17.20 47.40	GE 4	Evaluation of qualitative possibilistic influence diagrams using strong junction trees
17.20 - 17.40	G5-4	Fatma Essghaier, Nahla Ben Amor and Hélène Fargier
47.40	G5-5	Understanding soft evidence as probabilistic evidence : illustration with several use cases
17.40 - 18.00		Ali Ben Mrad , Véronique Delcroix, Sylvain Piechowiak, Mohamed Amine Maalej and Mohamed Abid
17.40 - 18.00		Ali Ben Mrad , Véronique Delcroix, Sylvain Piechowiak, Mohamed Amine Maalej and Mohamed Abid

		G6 - Work-in-Progress Program (Chair: Hatem Masri)
16.20 - 16.40	G6-1	The Mixed Orienteering Problem
10.20 10.40		Mariem Mekki Masmoudi and Abdelaziz Dammak
16.40 - 17.00	G6-2	Molecular mechanics or quantum mechanics for the complexes of nanostructured inclusion
10.40 - 17.00		Khatmi djameleddine, Djémil Rayenne
17.00 - 17.20	G6-3	Modeling ungauged rivers and wadis in arid and semi-arid regions of Algeria
17.00 17.20		Fares belagoune, Djamel Boutoutaou and Rahmani Kamel
20.00 - 23.00		CONFERENCE DINNER

		TUESDAY 30/04/2013
		H1 - Classification and Clustering-2 (Chair: Zied Elouedi)
8.30 - 8.50	H1-1	Data Mining Techniques to Predict Protein Secondary Structures
		Sondès Fayech, Nadia Essoussi and Mohamed Limam
8.50 - 9.10	H1-2	A RBN-based recommender system architecture
		Mouna Ben Ishak, Nahla Ben Amor and Philippe Leray
9.10 - 9.30	H1-3	Using clustering for maintaining case based reasoning systems
0.10 0.00		Abir Smiti and Zied Elouedi
9.30 - 9.50	H1-4	A two-stage technique to improve intrusion detection systems based on data mining algorithms
		Hachmi Fatma and Limam Mohamed
		H2 - Stochastic Optimization (2) (Chair: Chefi Triki)
8.30 - 8.50	H2-1	An Evaluation of the Risk Impact of Device Heterogeneity on Critical Care Delivery
		Mohamed Khedr Saad, Bilal Khan and Ghassen Ben Brahim
8.50 - 9.10	H2-2	Novel Hybrid Bacterial Foraging and Spiral Dynamics Algorithm
		A. N. K. Nasir and M. O. Tokhi
9.10 - 9.30	H2-3	Optimal Control Approach Developed to Four-Wheel Active Steering Vehicles
		Imen Amdouni, Nafaa Jeddi and Lilia EL Amraoui
9.30 - 9.50	H2-4	A Dynamic Approach for the Two-decision Maker Selection Problem with Group Interviewing Options
		Sihem Ben Jouida, Hajer Ben-Romdhane and Saoussen Krichen
		H3 - Graphical models under uncertainty-2 (Chair: Nahla Ben Amor)
8.30 - 8.50	H3-1	Behavior of compiled bases in compilation-based inference methods for min-based possibilistic networks
		Raouia Ayachi, Nahla Ben Amor and Salem Benferhat
8.50 - 9.10	H3-2	Incremental Bayesian network structure learning in high dimensional domains
		Amanuallah Yasin and Philippe Leray
9.10 - 9.30	H3-3	Benchmarking dynamic Bayesian network structure learning algorithms
		Ghada Trabelsi, Philippe Leray and Mounir Ben Ayed
9.30 - 9.50	H3-4	Particle Swarm Optimization based method for Bayesian Network Structure Learning
		Saoussen Aouay, Salma Jamoussi and Yassine Ben Ayed
		H4 - Discrete Event Systems Formalisms-1 (Chair: Kamel Barkaoui)
8.30 - 8.50	H4-1	On CPN-based Verification of Hierarchical Formalization of UML 2 Interaction Overview Diagrams
		Aymen Louati, Chadlia Jerad and Kamel Barkaoui
8.50 - 9.10	H4-2	Computation of Resource Circuits of Petri Nets by Using Binary Decision Diagrams
		YuFeng Chen , Ding Liu, GaiYun Liu and Kamel Barkaoui
9.10 - 9.30	H4-3	Verifying Web Services Substitutability Using Open Colored Nets Reduction Techniques
		Sofiane Bourouz and Nadia Zeghib
9.30 - 9.50	H4-4	Automatic Web Services Composition Using Maude Strategies
	-	Latreche Fateh, Sebih Hacene and Belala Faiza
		H5 - Civil Engineering (Chair: Mongi Ben Ouezdou)
8.30 - 8.50	H5-1	Simulating the effects of the passage of tractors on agricultural land
		A. Elaoud, S. Chehaibi and K. Abrougui
8.50 - 9.10	H5-2	Finite element simulations of the shear capacity of GFRP-reinforced concrete short beams
		Farid H Abed , Abdullah Al-Rahmani and Ahmed H. Al-Rahmani
9.10 - 9.30	H5-3	Modeling of creep in GFRP RC Beams
		Abdelmonem Masmoudi, Mongi Ben Ouezdou and Mohamed Anouar BELDI
9.30 - 9.50	H5-4	Numerical Investigation of Hybrid FRP Rienforced Beams
		Abdullah Al-Rahmani and Farid H Abed

	-	H6 - IEEE TN CEDA contest
		Arnoldi Model Reduction for Switched Linear systems
8.30 - 8.50	H6-1	Mohamed Kouki , Mehdi Abbes and Abdelkader Mami
		An optimised submicron Dual-Material gate (DM) GaAs-MESFETs design to improve the analog performance using multi-objective
8.50 - 9.10	H6-2	computation
	-	N. Lakhdar, F. Djeffal , D. Arar, M. Meguellati and T. Bendib
9.10 - 9.30	H6-3	An optimized junctionless GAA MOSFET design based on multiobjective computation for nanoelectronic applications
		F. Djeffal , T. Bendib and M. Meguellati
9.30 - 9.50	H6-4	Metaheuristic Algorithms Comparison for the LC - Voltage Controlled Oscillators Optimal Design
		P. Pereira, M. Kotti, H. Fino and M. Fakhfakh
9.50 - 10.10		COFFEE BREAK
		14 - Water Persures Management 2 (Chair: Siham Benahdallah)
	-	I1 - Water Resources Management-3 (Chair: Sihem Benabdallah)
10.10 - 10.30	I1-1	Simulation of air lift packed column Adel Oueslati, Ahmed Hannachi and Mohamed Elmaaoui
	-	
10.30 - 10.50	I1-2	Comparison of Green & Ampt and reservoir model effect on Rainfall-Runoff response (Study case: Skhira basin)
		Hana Gharbi , Samah Chargui and Mohamed Slimani
10.50 - 11.10	I1-3	A MATLAB program for identifying the rainfall variability in rainfall-runoff modeling in Semi arid region (Merguellil basin: Central Tunisia)
		Sameh Chargui , Hana Gharbi and Mohamed Slimani
		I2 - Combinatorial Optimization-2 (Chair: Moncef Abbas)
10.10 - 10.30	I2-1	An iterated greedy heuristic for the static empty vehicle redistribution problem for the Personal Rapid Transit system
	-	Ezzeddine Fatnassi, Olfa Chebbi and Jouhaina Chaouachi Siala
10.30 - 10.50	12-2	Linear Models for the Total Coverage Problem in Wireless Sensor Networks
		Maher Rebai, Hichem Snoussi, Iyes Khoukhi and Faicel Hnaien
10.50 - 11.10	12-3	A new web-based solver for Combinatorial Optimization Problems under Permutation Property
10.50 - 11.10		Lamia Trabelsi and Talel Ladhari
		13 - Engineering Management-2 (Chair: Willem Brauers)
10.10 - 10.30	l3-1	Towards a multi_agent system for manufacturing reconfiguration
		Wiem Mrabet and Talel Ladhari
10.30 - 10.50	13-2	Effect of Wastes on Changeover Time in Garment Industry
10.30 - 10.30		Bessem Kordoghli and Ali Moussa
40.50 44.40	13-3	A multi-period supply chain design with product life cycle considerations
10.50 - 11.10		Besbes Khaoula, Loukil Taicir, Allaoui Hamid and Goncalves Gilles
		14 - Discrete Event Systems Formalisms-2 (Chair: Kamel Barkaoui)
10.10 - 10.30	14-1	Modular Structural Analysis of Petri Nets for Distributed Causal Model-based Diagnosis
10.10 - 10.30	11	Hammadi Bennoui and Kamel Barkaoui
10.00 10.50	14.0	A Formal Task Model for Flexible Workflows Systems
10.30 - 10.50	14-2	Rim Hachicha
		The Embedded Control System through Real-Time Task
10.50 - 11.10	14-3	Atef Gharbi , Mohamed Khalgui and Samir Ben Ahmed
		I5 - Signal Processing-2 (Chair: Hassan Mir)
40.4		Wavelets and Curvelets Transform for Detecting of Microcalcification in Mammograms
10.10 - 10.30	I5-1	Mohamed Amine Harabi and Mohamed Ali Hamdi
	15-2	Spatio-temporal representation of spectral signature
10.30 - 10.50		Rafika Ben Salem, Karim Saheb Ettabaa and Mohamed Ali Hamdi
	-	Improved Frame Level Features and SVM Supervectors Approach for the Recogniton of Emotional States from Speech
10.50 - 11.10	15-3	Imen Trabelsi, Dorra Ben ayed and Noureddine Ellouze

		I6 - Electronic Design and Automation (Chair: Mourad Fakhfakh)
10.10 - 10.30	l6-1	An optimized GSDG MOSFET design for nanoscale circuit applications
		D. Arar, F. Djeffal, M. Meguellati and M. Chahdi
10.30 - 10.50	16-2	Dual-Top-Gated Graphene field-effect transistors to improve the subthreshold swing for digital applications
		K. Tamersit, F. Djeffal, D. Arar and M. Meguellati
10.50 - 11.10	16-3	ANFIS-based computation to study the nanoscale circuit including the hot-carrier and quantum confinment effects
		T. Bentrcia, F. Djeffal, D. Arar and M. Meguellati
11.10 - 11.30		Closing Ceremony
12.00 - 17.30		Social Tour to Carthage/Sidi Bou Said *

 $[\]ensuremath{^*}$ extra Paid tour with lunch and free entrance to the museum. Booking on-site.