



The Third International Symposium on Informatics and its Applications

ISIA'2018



Computer Science
Department. Faculty of
Mathematics and
Computer Science.



Time		TUESDAY NOVEMBER 06TH, 2018					
08.00 – 09.00		CONFERENCE REGISTRATION					
09.00 – 09.30		WELCOME SESSION					
09.30 – 10.30		Keynote1 : Prof. Ridha Mahjoub : Network Design and Polyhedra, Chair : Prof. Bouderah Brahim					
10.30 – 10.50		COFFEE BREAK					
Time	Paper id	Session A.1 (Room A) : Wireless communications	Paper id	Session B.1 (Room B) : Image processing	Paper id	Session C.1 (Room C) : Data mining and text mining	
		Chair : Prof. Benmohamed Mohamed		Chair : Dr. Akrouf Samir		Chair : Prof. Abdelmalek Amine	
10.50 – 11.10	111	Boualem Adda: Hybrid Model-Based Coverage Improvement Approach for Wireless Sensor Networks	69	Bidi Noria: Feature Selection Based on Hybrid Filter-Wrapper Methods for Biomedical Data Classification	76	Tarek Boutefara: JSentiWordnet : a wrapper to facilitate the integration of SentiWordnet	
11.10 – 11.30	16	Ibtihel Baddari: Currents On-demand Multipath Routing Protocols and improvement proposal for MANETS Networks	17	Hichem Felouat : A graph Approach for Automatic Annotation of Cortical Sulci	42	Belahcene Bahloul: A Distributional Non-linear Approach for Arabic Text Topic Segmentation	
11.30 – 11.50	18	Sayad Lamri: Towards router node placement optimization using firefly optimization algorithm in wireless mesh networks	59	Saïdi Meryem: Instance selection algorithms for a Cost sensitive medical diagnosis	43	Farek Lazhar: Semantic Similarity-based Outlier Detection for Textual Data	
11.50 – 12.10	94	Mahdi Bounouni: Acknowledgment-based Approach for Coping with Node Misbehavior in Mobile Ad hoc Network	28	Hameurlaine Messaoud: Brain tumor detection techniques in MRI image for Computer aided diagnosis	106	Rim Sakina Bennabi: An Empirical Study on the effect of weighting schemes and Machine Learning algorithms on the Arabic text Classification	
12.10 – 14.00		LUNCH					
14.00 – 15.00		Keynote2 : Prof. Ridha Mahjoub : Problème de Coupe Maximum et Applications, Chair : Prof. Bourahla Mustapha					
Time	Paper id	Session A.2 (Room A) : Planning and scheduling	Paper id	Session B.2 (Room B) : Web services and machine Learning	Paper id	Session C.2 (Room C) : IoT and network security	
		Chair : Prof. Ridha Mahjoub		Chair : Prof. Bourahla Mustapha		Chair : Dr. Chikouche Noureddine	
15.00 – 15.20	33	Mohamed Amine Nemnich: A Hybrid Bees Algorithm For Resource-Constrained Project Scheduling Problem	15	Benaboud Rohallah: Towards Semantic Web Services Discovery: User Request Generation System	13	Rabah Rahal: Resistance against DOS attacks in VANETs using the IDS Snort	
15.20 – 15.40	93	Abdelkader Amrane: An efficient Fine-Grained Parallel Genetic Algorithm for solving Job-Shop Scheduling Problem Using Graphic Processing Unit	90	Tahar Mehenni: A new deep learning-based chatbot system for the Customer service companies	48	Yacine Harkat: Impact of vehicle density, vehicle speed and packet inter-arrival time on IEEE 802.11p EDCA performance in VANET	
15.40 – 16.00	56	Imene Ferdi: Chemical Reaction Optimization for the Capacitated Location Routing Problem	95	Mahmoud Brahim: Virtual Enterprises Modeling using Agent-based Cloud computing	97	Asma Iman Kouachi: OTFI: Communication Privacy in the IoT Based on One Time Flow Information	
16.00 – 16.20	58	Djahel Bouchra: An enhanced genetic algorithm for the single machine total weighted tardiness problem	104	Toufik Marir: Quality Measurement for Jadex-Based Applications	57	Faïssal Hadji: An Enhanced Encryption Approach Based on Chaotic Maps Applied to Digital Image	
16.20 – 17.00		COFFEE BREAK – Posters session 1					

Time		Wednesday November 07th, 2018							
08.30 – 09.30		Keynote 3: Prof. Herzallah Abdelkarim: L'intelligence artificielle, du présent au futur , Chair : Prof. Abdelmalek Amine							
09.30 – 09.50		COFFEE BREAK – Posters session 2							
09.50 – 10.50		Keynote 4: Prof. Bourahla Mustapha: Description et raisonnement pour les ontologies vagues , Chair : Prof. Benmohamed Mohamed							
	Paper id	Session A.3 (Room A) : Cryptography and information security		Paper id	Session B.3 (Room B) : Pattern recognition		Paper id	Session C.3 (Room C) : Optimization	
		Chair : Prof. Mihoubi Douadi			Chair : Dr. Lamiche Chaabane			Chair : Dr. Hemmak Allaoua	
11.10 – 11.30	10	<i>Ikni Hind:</i> Verifiable Self Selecting Secret Sharing based on Elliptic Curves		30	<i>Korichi Maarouf:</i> Can Handwriting Style Help Strengthen the Person Identity?		107	<i>Noureddine Boukhari:</i> An Adaptive Hybrid Algorithm for Solving Unconstrained Optimization Problems	
11.30 – 11.50	20	<i>Miroud Amina:</i> RSA Cryptanalysis using multiplicative group order		80	<i>Amina Bensebaa:</i> Neural Network for Body Direction Estimation in Low Resolution Images		29	<i>Labad Said:</i> A new heuristic for graph b-coloring problem	
11.50 – 12.10	41	<i>Nacer Ghabane :</i> On public key cryptosystems based on Thue Monoid Morphism Interpretation (TMMI)		47	<i>Benyamina Ahmed:</i> A Comparative Study on Clustering of Remote Sensing Image		35	<i>Makhlouf Benazi:</i> Community detection based on node similarity	
12.10 – 12.30	49	<i>Djamel Herbadji:</i> A new Algorithm for Image Encryption and Decryption		22	<i>Regouid Meryem:</i> Feature Level Fusion Using ECG and ear Biometrics				
12.30 – 12.50		CLOSING CEREMONY							
12.50 – 14.00		LUNCH							

Posters Session 1		
Paper id	Author	Title
11	Boudaa Abdelghani	Fault-tolerant Communications by reservation-based protocol in IoT network
21	Mehdi Boulaiche	IGR: Improved Greedy Routing in Wireless Sensor Networks
61	Moussaoui Tarik	Heuristics for the capacitated networks design problems
78	Yassine Boudouaoui	On the computational performance of artificial bee colony programming strategy
55	Kadi Saad Eddine	On the number of non-isomorphic graphs
Posters Session 2		
103	Siham Boukhalifa	A survey: Internet of Things (IOT) technologies, architectural and challenges
66	Sahraoui Mohamed	Optimal coverage based multi-channel improvement on LEACH protocol for wireless sensor networks
65	Samir Bouaziz	Filter Bank based Multi-Carrier Systems in 5G Network
89	El Bahi Toubal	A Web Services based Inter-Institutions E-Governance Platform
63	Lakhdar Heboub	Some maximal cyclic codes of length $4:11^n$ over a finite fields



مطاحن الحضنة بالمسيلة