



ACIT'16

International Arab Conference on Information Technology

December 6-8, 2016, Beni Mellal – Morocco

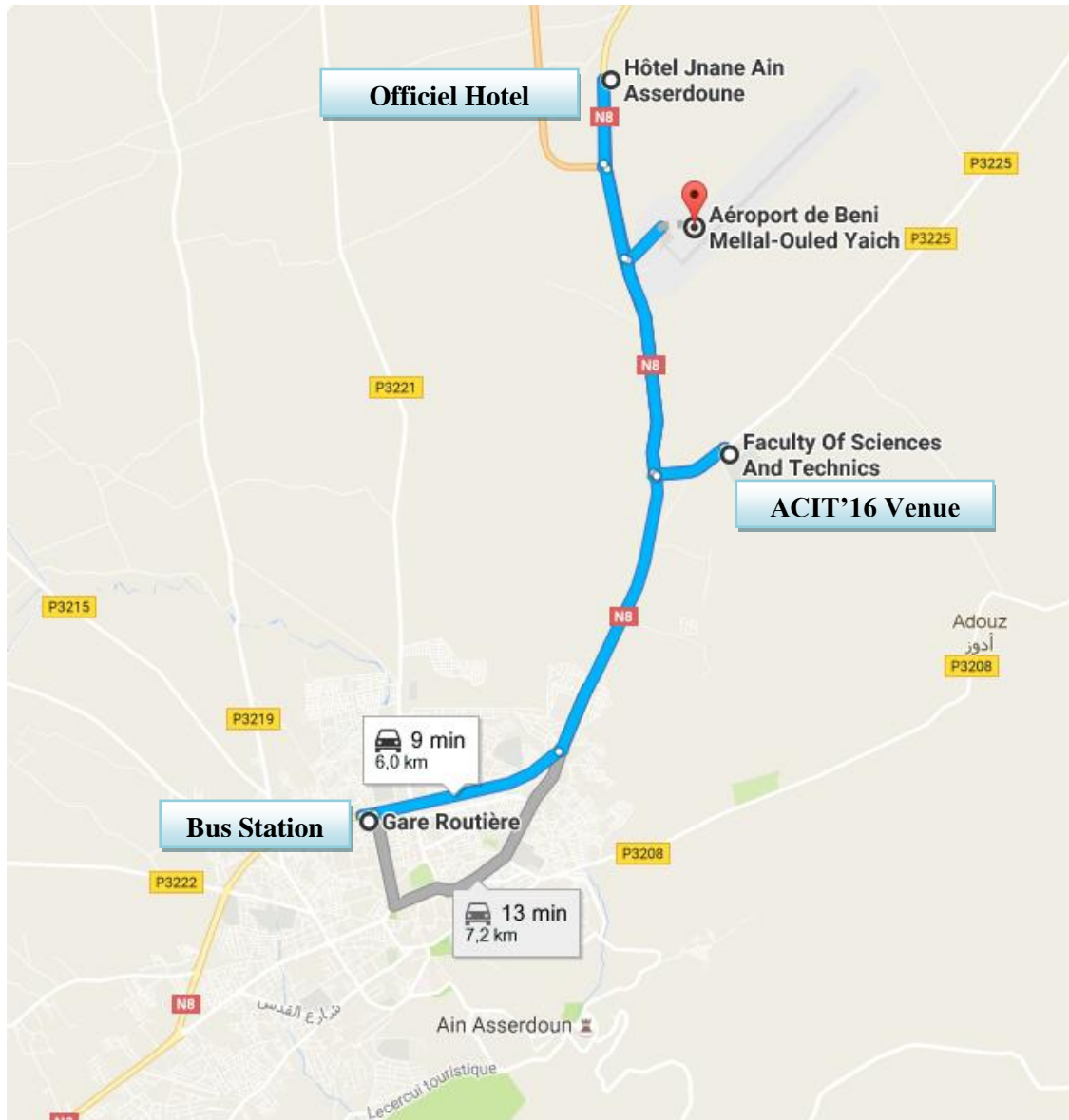
Program and useful information

ACIT'2016
The International Arab Conference on Information Technology
Sultan Moulay Slimane University, Beni Mellal, Morocco
December 6-8, 2016



ACIT'16 venue

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Access to ACIT'16 Venue

Presentation guidelines:

- All presentations **should be in English**.
- The time provided for oral presentations is 15 min (10 min for the presentation and 5 min for discussion).
- The speakers should give their slides to the session chair before the beginning of each session.
- For poster presentations, the posters should be displayed one hour before the beginning of the poster session and any explanation required should be provided to session chairs and visitors.

Program Chair
Pr. Belaid Bouikhalene

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Day 1: Tuesday, 6 December 2016

9:30 <u>Conference</u> <u>room hall</u>	Registration and Reception;
10:00 <u>Conference room</u>	Opening Ceremony Welcoming speech : Opening words (The invited guest)
10:45 <u>Conference room</u>	Invited Talk : Dr. Kayyali Mohamed Title: : How Space Industry will Change Technology of our Entire Life in Next Decade Chaired by : Dr. Emad Abuelrub Co-Chaired By : Pr. M. Baslam
11:00	Coffee Break
12:30 <u>Conference room</u>	First keynote speaker : Pr. Mohamed Quafafou Title: User Behavior, Data Mining and Smart Cities Chaired by : Pr. Monj Kherallah Co-Chaired By : Pr. M. Nachaoui
13:00	Lunch Break;
Session _1.1	Algorithms Chair : Pr. Monj Kherallah Co-chair : N. Idrissi
14:20 <u>Conference room</u>	A dynamic warehouse design based an simulated annealing algorithm (ID13) An efficient ranking algorithm for scientific research papers (ID77) A comparative study among cryptographic algorithms: blowfish, AES and RSA (ID17) Anomaly traffic detection based on GPLVM and SVM (ID113) Knowledge management capability in nursing care performance in selected teaching hospitals in southwest Nigeria (ID73) Region coded hashing based template security scheme for multi-biometric system (ID72)
Session _1.2	Imaging Application Chair : Pr. M. Fakir Co-chair : Pr. M. Erritali
14:20 <u>Room C22</u>	Oily fingerprint image enhancement using fuzzy morphology (ID 49) Roads extraction and mapping from aerial and satellite images (ID96) Enhancing RGB color image encryption- decryption using one-dimensional matrix (ID 105) Development of parallel-distributed images processing system using multimedia sensor networks (ID 120) Euclidean & geodesic distance between a facial feature points in two-dimensional face recognition system (ID 37)
Session _1.3	Language processing Chair : Pr. M. Quafafou Co-chair : Pr. B. Manaut
14:20 <u>Room C23</u>	Arabic handwritten script recognition system based on hog and gabor features (ID 114) Handwritten gujarati digit recognition using sparse representation classifier (ID 107) An efficient method based on deep learning approach for Arabic text categorization (ID 112) Segmentation of text/graphic from handwritten mathematical documents using gabor filter (ID 81) Sentiment analysis of modern standard Arabic and Egyptian dialectal Arabic tweets (ID 76) Hybrid Arabic handwritten character recognition using PCA and ANFIS (ID 50)

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15:20 <u>Conference room</u> <u>hall</u>	Afternoon Coffee break;
Session_1.4	E-Learning Chair : Pr. C. Daoui Co-chair : Pr. B. Bouikhalene
15:50 <u>Conference Room</u>	The role of e-learning in Algerian universities in the development of a knowledge society (ID21) E-Learner experience model (ID 66) A hybrid approach of semantic similarity calculation for a content-based recommendation of text documents on an e-learning platform (ID 88) the impact of e-learning usage on student's achievements: case study (ID 95) Design and development of practical works for remote laboratories (ID 121)
Session_1.5	Database Systems Chair : : Dr. Kayyali Mohamed Co-chair : Pr. M. Baslam
15:50 <u>Room C22</u>	Using Q-gram and fuzzy logic algorithms for eliminating data warehouse duplications(ID24) Detecting and removing duplicate records from data warehouse by q-gram and neural network (ID 40) A method proposed for estimating depressed feeling tendencies of social media users utilizing their data (ID 78) New approach for 3d object forms detection using a new algorithm of Susan descriptor (ID 84) Word boundary detection in tiffinagh using maxent and n-gram algorithms (ID 79) A simple skew correction method of Sudanese license plate (ID 67) Managing reuse across MPLS through partial derivation (ID 35)
17:00	Close;
20:00	Conference Dinner

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Day 2: Wednesday 7 December 2016

9:30 <u>Conference room hall</u>	Registration and Reception;
10:00 <u>Conference room</u>	Second keynote speaker : Pr. Monj Kherallah Title: Combination between unsupervised and supervised Neural Network with Fuzzy approach, Application to Arabic Handwriting Chaired by : Pr. M. Quafafou Co-Chaired By : Pr A. Malaoui
11:00 <u>Conference room hall</u>	Posters representations.
11:30 <u>Conference room hall</u>	Morning Coffee Break;
Session _2.1	Image processing <u>Chair : Pr. S. Melliani</u> <u>Co-chair : Pr. R. El Aayachi</u>
12:00 <u>Conference room</u>	Preprocessing techniques for face recognition using R-LDA under difficult lighting conditions and occlusions (ID 32) Fusion of singular value decomposition (SVD) and DCT-PCA for face recognition (ID 58) Automatic detection and segmentation of brain tumor based on an adaptive mean shift over Riemannian manifolds (ID 116) On Spatially coherent noise field in narrowband direction finding (ID 63) A model-based framework for managing software architecture evolution (ID 60) A comparative study of the liver disorders prediction based on Neuro-Fuzzy and metaheuristics approaches (ID 48)
Session _2.2	Web Systems <u>Chair : : Pr. H. Mouncif</u> <u>Co-chair :Pr. A. Bahlaoui</u>
12:00 <u>Room C22</u>	Teaching and learning sustainably with web 2.0 technologies: benefits, barriers and best practices (ID 20) Decision support systems based on web: challenges and opportunities (ID 28) Trends of web services composition (ID 99) Exploiting multilingual Wikipedia to improve Arabic named entity resources (ID 71) Researches and reviews in Arabic question answering: principal approaches and systems with classification (ID 68)
Session _2_3	Information Systems <u>Chair : Pr. A. Khadimi</u> <u>Co-chair : Pr. N. Falih</u>
12:00 <u>Room C23</u>	Decision making system for scientific research using datamining algorithm (ID 75) Replica placement strategy based on analytic hierarchy process in heterogeneous cloud data storage (ID 82) Combining of knowledge based system with information technology project management (ID 47) a customers' discrete choice model for competition over incomes in telecommunications market (ID 41) Towards accurate real-time traffic sign recognition based on unsupervised deep learning of spatial sparse features: a perspective (ID 36)
13:30	Lunch Break;

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Session 2.5	Mobile and Wireless Network
	Chair : <u>Dr. M. Kayyali</u> Co-chair : <u>Pr. A. Farchane</u>
14:30 Conference Room	design patterns for dialog boxes in user interface mobile applications (ID 69) A hybrid range-free localization algorithm for zigbee wireless sensor networks (ID 117) Positive definite kernels for identification and equalization of indoor broadband radio access network (ID 115) Vehicular ad-hoc network application for urban traffic management based on markov chains (ID 110) A comparison study of context-management approaches for the internet of things (ID 64) Coupling of geographic location-based service and routing for wireless sensor networks (ID 42) Optimized MIH design for vertical handover over next generation wireless networks (ID 38)
Session 2.6	Software Engineering
	Chair : <u>Pr. S. Safi</u> Co-chair : <u>Pr. A. Boumezzough</u>
14:30 Room C22	Visualizing testing results for software projects (ID 57) A comparative study of the open source digital library software (ID 74) Predicting learners' performance in an e-learning platform based on decision tree analysis (ID 86) Open e-test: remote evaluation of a large population of students at university of Oran 1 Ahmed Ben Bella (Algeria) (ID 85) A comparison study between RCCAR and conventional prediction techniques for resolving context conflicts in pervasive context-aware systems (ID 43) Simulation of covering location models for emergency vehicles management: a comparison (ID 34)
15:20 Conference room hall	Afternoon Coffee break;
Session 2.7	Artificial Intelligence
	Chair : <u>Pr. A. Hair</u> Co-chair : <u>Pr. M. Nachaoui</u>
15:45 Conference room	Effect of technology on the lives of 9-year old children (ID 123) Improved hierarchical classifiers for multi-way sentiment analysis (ID 122) Analyzing competition over visibility in social networks (ID 87) Data values on the moocs in the university's educational (ID 80) TCDR based on efficiency and accuracy of the intelligent systems (ID 53) Comparative study of blind channel equalization (ID 46) crystals in human urinary using data mining algorithms (ID 98) A decision support system for identification and classification the whewellite- and weddellite Analyzing social media with info sphere big insights (ID 91)
Session 2.8	Computer Aided Geometric Design
	Chair : <u>Pr. H. Moncif</u> Co-chair : <u>Pr. M. Lmsaadi</u>
15:45 Room C22	An automatic grading system based on dynamic corpora (ID 31) Query length and it's impact on Arabic information retrieval performance (ID 27) Empirical study of analysts practices in packaged software implementation at small software enterprises (ID 26) AVL tree an efficient retrieval engine in classified fingerprint database (ID 23) enforcing Arabic language text classification and clustering: theory and application (ID 10) Energy enhancement of ad-hoc on-demand distance vector routing protocol for maximum lifetime in manet (ID 111) An efficient hybrid feature selection method based on rough set theory for short text representation (ID 106)

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17:00 <u>Room C23</u>	ACIT Steering Committee Members Meeting Chairman: CCIS Secretary General Dr. Mohammad Hassan
18:00	Closing Ceremony

Day 3: Thursday 8 December 2016

10:00 <u>Room C22</u>	Deans Meeting Chairman: CCIS Secretary General Dr. Mohammad Hassan
12:00	CCIS Executive Committee Meeting Chairman: CCIS Secretary General Dr. Mohammad Hassan
	Tour