13th ACS/IEEE International Conference on Computer Systems and Applications AICCSA 2016 November 29th to December 2nd, 2016

PROGRAMME

13th ACS/IEEE International Conference on

Computer Systems and Applications AICCSA 2016

Agadir, Morocco, 29th November – 2nd December, 2016

13th ACS/IEEE International Conference on Computer Systems and Applications AICCSA 2016 November 29th to December 2nd, 2016

PROGRAMME

	TUESDAY 29-Nov				WEDNESDAY 30-Nov				THURSDAY 01-dec				FRIDAY 02-dec				
08:00 - 17:00	On site registration				On site registration				On site registration				On site registration				
08:30 - 09:00	Opening & Welcome				Keynote speaker 2 - Dr Athman Bouguettaya - Transforming Big Data into Services				Track 11 session 1	Track 5 session 2	Symposium session 5	Track 3 Session 2	OSNT Session 1	IOTSMS Session 1	DSC Session 1	SADASC Session 1	
09:00 - 10:00	Keynote speaker 1 - Dr Ahmed K. Elmagarmid - Data Civilizer: Taming the Data Swamps / Ongoing project at QCRI																
10:00 - 10:30	Coffee break				Coffee break				Coffee break				Coffee break				
10:30-12:30	Track 1 session 1	Track 2 session 1	Symposium session 1	Track 4 session 1	Track 6 session 1	Track 7 session 2	Track 8 session 1	Symposium session 3	Track 1 session 2	Track 3 session 3	Track 4 session 2	Symposium session 6	OSNT Session 2	IOTSMS Session 2	DSC Session 2	SADASC Session 2	
12:30 - 13:30	Lunch				Lunch				Lunch				Conference Closing and Lunch				
13:30 - 14:30	TUTORIAL Privacy in Online Social Networks		POSTERS: Open Session (All)	IoT using TCP /IPv6 over WSN	Keynote Speaker 3 - Dr. Jim Jansen: Social Media Conversations Using Cross Screen Technology				Keynote speaker 4 - Dr Abdella Battou - Ongoing NIST researchs for next Internet generation				FREE TIME				
14:30 - 15:30				DEMO Repeated	POSTERS SESSION 1 (Judging for Best Poster)		PhD Forum 1	PANEL Discussion: on Emerging Technologies	POSTERS SESSION 2 (Judging for Best Poster)		PhD Forum 2	TUTORIAL/INDUSTRIAL On Industrialisation of Media					
15:30 -16:00	Coffee Break																
16:00 - 16:30					Coffee break				Coffee break								
16:30 - 18:00	Track 3 session 1	Track 7 session 1	Track 10 session 1	Symposium session 2	Track 2 session 2	Track 5 session 1	Track 8 session 2	Symposium session 4	Track 9 session 1	Track 11 session 2	Track 1 session 3	Symposium session 7					
19:30 - 23:00									CONFERENCE DINNER								

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Tuesday 29-Nov		
08:00 - 17:00		Onsite registration
08:30 - 09:00		Opening & Welcome
09:00 - 10:00		Keynote speaker 1: Data Civilizer: Taming the Data Swamps. Ongoing project at Qatar Computing Research Institute By Prof. Ahmed K. Elmagarmid Chair: Prof. Salim Hariri
10:00 - 10:30		Coffee break
10:30-12:30		Chair: Prof. Henda Ben Ghezala and Dr. Yaser Jararweh
	Track 1 session 1	- Salwa Souissi and Mounir Ben Ayed, GENUS: an ETL tool treating the Big Data Variety - Zaki Brahmi, Sahar Mili and Rihab Derouiche, Data Placement Strategy for Massive Data Applications based on FCA Approach - Badr Ait Hammou, Ayoub Ait Lahcen and Driss Aboutajdine, A New Recommendation Algorithm for Reducing Dimensionality and Improving Accuracy - Maroua Bahri and Zied Elouedi, Clustering Data Stream Under a Belief Function Framework - Azzeddine Dahbi, Siham Jabri, Youssef Balouki and Taoufiq Gadi, A new method for ranking association rules with multiple criteria based on dominance relation - Sayda Elmi, Allel Hadjali, Mohamed Anis Bach Tobji and Boutheina Ben Yaghlane, Top-k Skyline Query over Evidential Data with Confidence Level
10:30-12:30		Chair: Dr. Shadi Alzubi
	Track 2 session 1	- Zaki Brahmi and Faten Ben Hassen, Communication-Aware VM Consolidation Based on Formal Concept Analysis - Moustafa Meshry, Amr Elmasry and Ayman Khalafallah, A Scalable Maximum Clique Algorithm Using Apache Spark - Zohra Amekraz and Moulay Youssef Hadi, Prediction of Amazon spot price based on chaos theory using ANFIS model - Mohsni Takwa, Takwa Mohsni, Zaki Brahmi and Mohamed Mohsen Gammoudi, Data-intensive service composition in Cloud Computing : State-of-the-art - Fatima Alqayedi, Khaled Salah and M. Jamal Zemerly, Adaptive Cloud Resource Allocation Scheme to Minimize SLO Response Time Violation

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10:30-12:30	Symposium session 1	Chair: Dr. Mohammad Alsmirat
		• Hui Li, Weihao Xie, Xingang Wang, Shousheng Liu, Yingying Gai and Lei Yang, GPU implementation of Multi-Scale Retinex image enhancement algorithm • Fatima Zahra Salmam, Abdellah Madani and Mohamed Kissi, New distances combination for facial expression recognition from image sequences • Houssem Lahiani, Monji Kherallah and Mahmoud Neji, Hand pose estimation system based on Viola-Jones algorithm for Android devices • Redouan Lahmyed and Mohamed El Ansari, Multisensors-based pedestrian detection system • Mohamed Elgharbawy, Bénédicte Bernier, Michael Frey and Frank Gauterin, An Agile Verification Framework for Traffic Sign Classification Algorithms in Heavy Vehicles • Ibrahim Guelzim, Amina Amkoui and Lahcen Koutti, Matching of Omnidirectional Images Based on the Geodesic Distance
10:30-12:30	Track 4 session 1	Chair: Dr. Salah Sadou and Dr. Ayoub Sabraoui
		• Ali Idri and Laila Cheikhi, A Survey of Secondary Studies in Software Process Improvement • Hela Marouane, Achraf Makni, Rafik Bouaziz, Claude Duvallet and Bruno Sadeg, Defining a UML Profile for the Consistency of Design Patterns • Ali Idri, Ilham Kadi and Sofia Ouhbi, Quality Evaluation of Cardiac Decision Support Systems using ISO 25010 Standard • Samia Hafez, Mustafa Elnainay, Mohamed Abougabal and Saleh Elshehaby, Potential-fault Cache-based Regression Test Selection • Akil Elkamel, Mariem Gzara and Hanêne Ben-Abdallah, An UML class Recommender System for Software Design
12:30 - 13:30	Lunch	
13:30 - 14:30	TUTORIAL Privacy in Online Social Networks By Prof. Leila Bahri	POSTERS – OPEN SESSION (See page 17-19) Chair: Prof. El Habib NFAOUI & Prof. Hedi M. KARRAY — DEMO Prototyping platform for IoT applications using TCP/IPv6 over WSN By Prof. Abdelhakim Sanhadji
14:30-15:30		DEMO-Repeated. Prototyping platform for IoT applications using TCP/IPv6 over WSN By Prof. Abdelhakim Sanhadji
15:30 - 16:00	Coffee break	

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16:00 - 18:00		Chair: Dr. Mohamed Al-Ansari
	Track 3 session 1	• Mohcine Bouksim, Fatima Rafii Zakani, Khadija Arhid, Mohamed Aboulfatah and Taoufiq Gadi, Evaluation of 3D Mesh Segmentation Using a Weighted Version of the Ochiai Index • Aladine Chetouani, Toward A Universal Learning-Based Image Quality Metric With Reference For Stereoscopic Images • Elyousfi Abderrahmane, Hamout Hamza and El Hachimi Asma, An Efficient Intra Block Size Decision for H.264/AVC Encoding Optimization • Jinsen Zhang, Changwen Zheng and Yu Liu, Advanced Physical Optical Model for Simulating Rainbows • Elena Ranguelova, A Salient Region Detector for Structured Images • Houssem Turki, Mohamed Ben Halima and Adel M. Alimi, Text Detection in Natural Scene Images Using Two Masks Filtering
16:00 - 18:00		Chair: Prof. Abdelhakim Abdelhafid Sanhadji
	Track 7 session 1	• Houssem Mansouri and Al-Sakib Khan Pathan, An Efficient Minimum-Process Non-Intrusive Snapshot Algorithm for Vehicular Ad Hoc Networks • Serhani Abdellatif, Naja Najib and Jamali Abdellah, QLAR: A Q-Learning based Adaptive Routing for MANETs • Mohamed Elgharbawy, Andreas Schwarzhaupt, Gerrit Scheike, Michael Frey and Frank Gauterin, A Generic Architecture of ADAS Sensor Fault Injection for Virtual Tests • Sara Khairi, Brahim Raouyane and Mostafa Bellafkih, Towards a Dynamic QoS Management in IMS Transport Layer via SDN • Wiem Housseyni, Olfa Mosbahi, Mohamed Khalgui and Maryline Chetto, Real-time Scheduling Of Sporadic Tasks In Energy Harvesting Distributed Reconfigurable Embedded Systems
16:00 - 18:00		Chair: Prof. Ali Mohamed Jaoua
	Track 10 session 1	• Bassim Chabibi, Adil Anwar and Mahmoud Nassar, Metamodeling approach for creating an abstract representation of simulation tools concepts • Rim Zarrad, Narjes Doggaz and Ezzeddine Zagrouba, Using heading hierarchy for non-taxonomic relation extraction • Afef Walha, Faiza Ghozzi and Faiez Gargouri, A Lexicon Approach to Multidimensional Analysis of Tweets Opinion • Nabil El Fezazi, Sadek Belamfedel Alaoui, Fatima El Haoussi, El Houssaine Tissir and Teresa Alvarez, A Dynamic Anti-windup AQM for Congestion Control in Internet • Ben Njima Cheyma, Gamha Youssef and Ben Romdhane Lotfi, A Probabilistic Model for Web Service Composition in Uncertain Mobile Contexts

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16:00 - 18:00	Symposium session 2	Chair: Prof. Alexander Wijesinha
		• Soumaya Argoubi, Karima Maalaoui, Mohamed Houcine Elhdhili & Leila Azouz Saidane, Priority-MAC: A Priority based Medium Access Control solution with QoS for WSN • William R Agosto Padilla, Alae Loukili, Anthony Tsetse, Alexander Wijesinha and Ramesh Karne, 802.11n Wireless LAN Performance for Mobile Devices • Mohamed Saleh, Mohamed Abdou and Mohamed Aboulhassan, Assessing the Use of IP Network Management Protocols in Smart Grids • Kaoutar Ourouss, Najib Naja and Abdellah Jamali, Efficiency Analysis of Manets Routing Based on a New Double Metric with Mobility and Density Models • Salma Bradai, Sofien Khemakhem and Mohamed Jmaiel, Energy/coverage quality trade-off based tasks allocation for opportunistic real time mobile crowdsensing
Wednesday 30-Nov		
08:00 - 17:00		Onsite registration
09:00 - 10:00		Keynote speaker 2 - Dr Athman Bouguettaya - Transforming Big Data into Services Chair: Prof. Chirine Ghedira
10:00 - 10:30		Coffee break
10:30- 12:30	Track 6 session 1	Chair: Prof. Nadia Kabachi and Dr. Mahdi Zargayouna
		• Amira Hamdi, Nicolas Monmarché, Mohamed Slimane and Adel M. Alimi, FlyAntClass: Intelligent move for ants based clustering algorithm • Sabrine Malek and Wady Naanaa, A new polynomial cluster deletion subproblem • Cabral Lima, Renan Lobo, Adriano Cruz, Valk Castellani and Bianca Pereira, An New Model for Robot Navigation Based on AprioriAll Algorithm • Hlel Emna, Jamoussi Salma and Ben Hamadou Abdelmajid, Bayesian network for discovering the interests of authors • Matthieu Mastio, Mahdi Zargayouna, Gérard Scemama and Omer Rana, Patterns to distribute mobility simulations • Sara Rhazlane, Nouria Harbi, Nadia Kabachi and Hassan Badir, Intelligent Multi Agent System based Solution for Data Protection in the Cloud • Amjad Rattrout, Hamzah Hijawi and Rachida Fissoune, Using Adaptive Multi Agents System in Ws For Polluted Environment Monitoring

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10:30-12:30	Track 7 session 2	Chair: Prof. Abdelhakim Abdelhafid Sanhadji
		• Ahmed Aboud and Haifa Touati, Geographic Interest Forwarding in NDN-Based Wireless Sensor Networks • Slaheddine Chelbi, Claude Duvallet, Majed Abdouli and Rafik Bouaziz, Event-driven Wireless Sensor Networks based on Consensus • Samira Chouikhi, Ines El Korbi, Yacine Ghamri-Doudane and Leila Saidane, A Novel Simultaneous Failure Recovery Technique for Large Scale Wireless Sensor Networks • Hend Fourati, Hanen Idoudi and Leila Azouz Saidane, A novel IEEE 802.15.6 CSMA/CA Service Differentiation • Craig Thomson, Isam Wadhaj, Imed Romdhani and Ahmed Al-Dubai, Performance Evaluation of RPL Metrics in Environments with 'Strained' Transmission Ranges • Fatma Somaa, Ines El Korbi and Leila Saidane, Mobility Support over RPL using Sensor Nodes Speed Classification
10:30-12:30	Track 8 session 1	Chair: Dr. Amal Battou
		• Dammak Salma, Ghozzi Faiza and Gargouri Faiez, A GQVM approach to secure WeBhouse ETL processes development • Mariem Belhor and Farah Jemili, Intrusion Detection Based on Genetic Fuzzy Classification System • Oumaima Ben Abderrahim, Mohamed Houcine Elhdhili and Leila Saidan, A dirchlet-based trust management system mitigating On-Off attacks and dishonest recommendations for the Internet of things • Zhiwen Pan, Jesus Pacheco and Salim Hariri, Anomaly Behavior Analysis for Building Automation Systems • Loukmen Regainia, Sebastien Salva and Cedric Bouhours, A classification methodology for security patterns to help fix software weaknesses
10:30-12:30	Symposium session 3	Chair: Dr. Elena Ranguelova
		• Olfa Ben Rhaiem, Rawya Sbiti and Lamia Chaari, New Robust Decoding algorithm-aware channel condition for Video Streaming (RDVS) • Hiba Ramadan and Hamid Tairi, Moving Object Segmentation in Video using Spatiotemporal Saliency and Laplacian Coordinates • Yosr Ben Youssef, Mariem Afif and Sami Tabbane, Novel AHP-based QoE Factors' Selection Approach • Eya Mezghani, Maha Charfeddine, Henri Nicolas and Chokri Ben Amar, Multifeature speech/music discrimination based on mid-term level statistics and supervised classifiers • Rawia Frikha, Ridha Ejbali and Mourad Zaied, Handling occlusion in Augmented Reality surgical training based instrument tracking

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12:30 - 13:30	Lunch	
13:30 - 14:30	Keynote Talk 3: Social Media Conversations Using Cross Screen Technology By Dr. Jim Jansen Chair: Prof. Elhadj Benkhelifa	
14:30 - 15:30	POSTERS SESSION **1** (See page 17-17) Chair: Prof. El Habib NFAOUI & Prof Hedi M. KARRAY (Judging for Best Poster)	PhD Forum Session 1 (See page 19) Chair: Prof. Salima Hassas & Prof Nadia Ghazzali	PANEL Discussion: on Emerging Technologies: Challenges & Prospects Moderate by:
15:30-16:00		
16:00 - 16:30	Coffee break	

16:30 - 18:00		Chair: Dr. Yaser Jararweh
	Track 2 session 2	• Mahfoudhi Ryma, Parallel Triangular Matrix System Solving on CPU-GPU System • Abdelhamid Benaini, Achraf Berrajaa, Jaouad Boukachour & Mustapha Oudani, Parallel genetic algorithm for the Uncapacited Single Allocation Hub Location Problem on GPU • Clicia Pinto, Marcos Barreto and Murilo Boratto, Auto-tuning TRSM with an asynchronous task assignment model on multicore, multi-GPU and coprocessor systems • Mohamed Abouzahir, Abdelhafid Elouardi, Samir Bouaziz, Omar Hammami and Ismail Ali, High-Level Synthesis for FPGA Design Based-SLAM Application
16:30 - 18:00		Chair: Prof. Ali Mohamed Jaoua
	Track 5 session 1	• Ayman Zayyan, Mohamed Elmahdy, Husniza Binti Husni and Shahrul Azmi Yousf, Crosslingual Automatic Diacritization for Egyptian Colloquial Dialect • Nadia Karmani Ep Ben Moussa, Adel Alimi and Hsan Soussou, Intelligent Tunisian Arabic Morphological Analyzer • Driss Namly, Yasser Regragui and Karim Bouzoubaa, Interoperable Arabic language resources manufacturing and exploitation in SAFAR platform • Wafia Adouane, Nasredine Semmar and Richard Johansson, Romanized Arabic and Berber Detection Using PPM and Dictionary Methods
16:30 - 18:00		Chair: Dr. Amal Battou
	Track 8 session 2	• Rania Molla, Imed Romdhani and Bill Buchanan, 3LS-Authenticate: an e-Commerce Challenge-Response Mobile Application • Asma Hamed and Hella Kaffel-Ben Ayed, Privacy Risk Assessment and Users' Awareness for Mobile Apps Permissions

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		• Sonia Kotel, Fatma Sbiaa, Medien Zeghid, Mohsen Machhout, Adel Baganne and Rached Tourki, *Performance Evaluation and Design Considerations of Lightweight Block Cipher for Low-Cost Embedded Devices* • Jukka Ruohonen, Johannes Holvitie, Sami Hyrynsalmi and Ville Leppänen, *Exploring the Clustering of Software Vulnerability Disclosure Notifications Across Software Vendors* • Pratik Satam, Douglas Kelly, and Salim Hariri, "Anomaly Behavior Analysis of Website Vulnerability and Security"
16:30 - 18:00		Chair: Prof. Cláudio de Souza Baptista and Dr. Mohamad Alsmirat
	Symposium session 4	• Omar Khrouf, *CobWeb Multidimensional Model: From OLAP to Tag Cloud* • Daniel Farias Batista Leite, Cláudio de Souza Baptista, Maxwell Guimarães de Oliveira, Tiago Eduardo Da Silva and José Amilton Moura Acioli Filho, *ExpOLAP: Towards Exploratory OLAP* • Soumaya Cherichi and Rim Faiz, *Using big data values to enhance social event detection pattern* • Abir Amami, Zied Elouedi and Allel Hadjali, *A Clustering Based Approach for Query Relaxation in Evidential Databases*

Thursday 1 Dec

08:00 - 17:00	Onsite registration

08:30 - 10:00		Chair: Prof. Konrad Walser and Prof. Karim Afdel
	Track 11 session 1	• Mahfujur Rahman and Abdulmotaleb El Saddik, *Promoting Active Participation of the Learners in an Authoring based Learning Movie System* • Ali Aajli and Karim Afdel, *Generation of an adaptive e-learning domain model based on fuzzy logic approach* • Yunho Huh, Justan Klaus and Magda El Zarki, *iXercise: An Immersive Platform for Exercise Intervention for Special Needs Populations*

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08:30 - 10:00		Chair: Prof. Ali Mohamed Jaoua
	Track 5 session 2	• Rahhal Errattahi, Asmaa El Hannani, Hassan Ouahmane and Thomas Hain, Automatic Speech Recognition Error Detection Using Supervised Learning Techniques • Fatih Sağlam, Hayri Sever and Burkay Genç, Developing Turkish Sentiment Lexicon for Sentiment Analysis Using Online News Media • Aboubakr Aqle, Fahad Islam, Eman Rezk and Ali Jaoua, Mobile App Conceptual Browser - Online Marketplaces Information Extraction
08:30 - 10:00		Chair: Prof. Salim Hariri
	Symposium session 5	• Anwar Kalghoum, Sonia Mettali Gammar and Leila Azouz Saïdane, Performance Evaluation of Interest Traffic Generation and Forwarding Strategy Impact in ICN • Hanen Ahmadi, Federico Viani, Alessandro Polo and Ridha Bouallegue, Improved Target Tracking using Regression Tree in Wireless Sensor Networks • Nadine Boudargham, Jacques Bou Abdo, Jacques Demerjian, Christophe Guyeux and Abdallah Makhoul, Investigating Low Level Protocols for Wireless Body Sensor Networks • Majid Al-Ruithe, Siyakha Mthunzi and Elhadj Benkhelifa, Data Governance for Security in IoT & Cloud Converged Environments
08:30 - 10:00		Chair: Dr. Mohamed Al-Ansari
	Track 3 Session 2	• Fatma Ben Said and Adel M. Alimi, OFSF-BC: Online Feature Selection Framework for Binary Classification • Kaoru Uchida, Efficient Image Search System with Multi-Scale Database Using Profile-Based Pre-selection and Coarse Matching • Hind Oulhaj, Mohammed Rziza, Aouatif Amine, Rachid Jennane and Mohammed El Hassouni, Texture classification using relative phase and Gaussian mixture models in the complex wavelet domain • Ayoub Karine, Abdelmalek Toumi, Ali Khenchaf and Mohammed El Hassouni, A non-Gaussian statistical modeling of SIFT and DT-CWT for radar target recognition
10:00 - 10:30	Coffee break	
10:30- 12:30		Chair: Prof. Henda Ben Ghezala and Prof. Yaser Jararweh
	Track 1 session 2	• Mounira Chkiwa, Anis Jedidi and Faiez Gargouri, Abstracts generation as information retrieval results • Hassanin Al-Barhamtoshy, Anas Fattouh, Kamal Jambi, Maher Khemakhem and Fathi Essa, Universal Metadata Repository for Document Analysis and Recognition • Ashraf Elnagar, Investigation on Sentiment Analysis of Arabic Book Reviews

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		• Hisham Al-Mubaid, Mohamed Shenify and Sultan Aljahdali, Assessing Gene-Disease Relationship with Multifunctional Genes Using GO • Mohamed Azmi and Abdelaziz Berrado, Class-Association Rules Pruning using Regularization • Yemna Sayeb, Radhouane Ayari and Henda Ben Ghezala: From Relational Database to Big Data: Converting Relational to graph database, MOOC database as example
10:30-12:30		Chair: Dr. Mohamed Al-Ansari
	Track 3 session 3	• Ouloul Mohamed Imad, Afdel Karim and Amghar Abdellah, Age Estimation using Local Matched Filter Binary Pattern • Safaa Azzakhnini, Lahoucine Ballihi and Driss Aboutajdine, Machine Perception In Gender Recognition Using RGB-D Sensors • Salma Ksibi, Mahmoud Mejdoub and Chokri Ben Amar, Person Re-identification Based on Combined Gaussian Weighted Fisher Vectors • Imen Lassoued, Ezzeddine Zagrouba and Youssef Chahir, A new approach of action recognition based on Motion Stable Shape (MSS) features • Ayoub Ellahyani and Mohamed El Ansari, Complementary features for traffic sign detection and recognition • Ameni Sassi, Chokri Ben Amar and Serge Miguet, Skyline-based Approach for Natural Scene Identification
10:30-12:30		Chair: Dr. Ayoub Sabraoui and Dr. Salah Sadou
	Track 4 session 2	• Ismail Assayad, Lamia Eljadiri, Abdelouahed Zakari, Tarik Nahhal. The "Behavior, Interaction and Priority" Framework Applied to SystemC-based Embedded Systems • Ahmed Amine Aliane, Hassina Aliane, Mahraz Ziane and Nacera Bensaou, A Genetic Algorithm feature Selection Based Approach for Arabic Sentiment Analysis • Ngoc-Tho Huynh, Maria-Teresa Segarra and Antoine Beugnard, Ensuring consistent dynamic adaptation: an approach from design to runtime • Fatma Dammak, Leila Baccour and Adel Mohamed Alimi, Interval Valued Intuitionistic Fuzzy Weight Techniques for TOPSIS Method • Saad Chadli, Ali Idri, Jose Luis Aleman and Ambrosio Toval, Identifying Risks of Software Project Management in Global Software Development: An Integrative Framework
10:30-12:30		Chair: Dr. Mohamed Alsmirat
	Symposium session 6	• Rania Boujelbene, Yousra Ben Jemaa and Mourad Zribi, Toward an optimal B-spline wavelet transform for image compression • Abdelilah El Amraoui, Lhoussaine Masmoudi, Hamid Ez-Zahraouy and Youssef El Amraoui, Quantum Edge Detection based on Shannon Entropy for Medical Images

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		• Saouli Abdelhak and Babahanini Mohamed Chaouki, High Performance Volumetric Modeling from Silhouette: GPU-Image-Based Visual Hull • Bruno Miguel Nogueira De Souza and Jacques Facon, A Fire Color Mapping–based Segmentation • Hadjer Lacheheb and Saliha Aouat, A Density clustering approach For CBIR System
12:30 - 13:30	Lunch	
13:30 - 14:30	Keynote speaker 4 - Ongoing NIST researchs for next Internet generation Dr. Abdella Battou Chair: Prof. Karim Afdel	
14:30 - 15:30	POSTERS SESSION **1** (See page 17-17) Chair: Prof. El Habib NFAOUI & Prof Hedi M. KARRAY (Judging for Best Poster)	PhD Forum Session 2 (See page 19) Chair: Chair: Prof. Salima Hassas & & Prof Nadia Ghazzali	TUTORIAL /INDUSTRIAL SESSION **On Industrialisation of Media** By Houssine SAF Director of Multimedia Content Network Vice Président de Maroc Numeric Cluster Membre du Bureau Exécutif de l'APEBI
15:30 - 16:00			
16:00- 16:30	Coffee break	

		Chair: Prof. Mohammed EL-Hassouni
16:30 - 18:00	Track 9 session 1	• Maryem Jaouadi and Lotfi Ben Romdhane, DIN : An Efficient Algorithm for Detecting Influential Nodes in Social Graphs using Network Structure and Attributes • El Mehdi El Graoui, Nabila Zrira, Soufiana Mekouar, Imade Benelallam and El Houssine Bouyakhf, Outlier and Anomalous Behavior Detection in Social Networks using Constraint Programming • Fatima Zohra Ennaji, Elfazziki Abdelaziz, Mohamed Sadgal, Hasna Elalaoui Elabdallaoui, Abderahmane Sadiq and Djamal Benslimane, Multi-Agent Framework for Social CRM: Extracting and Analyzing Opinions • Wala Rebhi, Nesrine Ben Yahia and Narjès Bellamine Ben Saoud, Hybrid community detection approach in multilayer social network: Scientific collaboration recommendation case study
16:30 - 18:00		Chair: Prof. Konrad Walser
	Track 11 session 2	• Valéria Martins, Thiago Lima, Paulo Sampaio and Marcelo Guimaraes, Mobile Application to Support Dyslexia Diagnostic and Reading Practice • Marcelo Guimaraes, Vagner Scamati, Mario Popolin Neto, Valéria Martins, Diego Dias and Jose Brega, A Process-Scheduling Simulator Based on Virtual Reality Technology

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		• Abed Hamza, Pernelle Philippe, Ben Amar Chokri and Carron Thibault, Serious Games for vocational training: a compared approach • Konrad Walser, Development of a thematic and structural elements grid for e-government strategies - Case study of Swiss cantons • Abdulellah Alaboudi, Anthony Atkins, Bernadette Sharp, Mohammed Alzahrani, Ahmed Balkhair and Tamara Sunbul, Perceptions and Attitudes of Clinical Staff Towards Telemedicine Acceptance in Saudi Arabia
16:30 - 18:00	Track 1 session 3	Chair: Prof. Henda Ben Ghezala and Dr. Yaser Jararweh
		• Abir Gorrab, Ferihane Kboubi, Bénédicte Le Grand and Henda Ben Ghezala, Towards a dynamic and polarity-aware social user profile modeling • Imen Moalla, Ahlem Nabli, Lotfi Bouzguenda and Mohamed Hammami, Data warehouse design from social media for opinion analysis: the case of Facebook and Twitter • Julio Henrique Rocha, Claudio Campelo, Claudio de Souza Baptista and Gabriel Joseph Ramos Rafael, The Geo-social Relevance Ranking • Ayman El-Kilany, Neamat El Tazi and Ehab Ezzat, Semi-Supervised Outlier Detection via Bipartite Graph Clustering
16:30 - 18:00	Symposium session 7	Chair: Prof. Ali Mohamed Jaoua
		• Ahmed Khorsi, Nagoudi El Moatez Billah and Hadda Cherroun, Efficient Inverted Index with n-Gram Sampling for String Matching in Arabic Documents • Olfa Dridi Mekni and Mohamed Ben Ahmed, Construction of navigation map to retrieve semantically information from medical resources • Mohamed Amine El Majdouli, Saad Bougrine, Ismail Rbouh and Ameur Abdelhakim El Imrani, A Fireworks Algorithm for Single Objective Big Optimization of Signals • François-Xavier Talgorn, Farès Belhadj and Vincent Boyer, Toward a Generic Approach to Stylization
19:30- 23:00		CONFERENCE DINNER

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Friday 02-dec		
		Onsite registration
08:00 - 12:30		Onsite registration
08:30 - 10:00	OSNT Session 1	Chair: Dr. Mohamed Alsmirat
		• Marwa Masmoudi and Faiza Ghozzi, Analyses of Social WeBhouse integrating SNA metrics • Nicolás Emilio Díaz Ferreyra, Johanna Schäwel, Maritta Heisel and Christian Meske, Addressing Self-disclosure in Social Media: An Instructional Awareness Approach • Haewoon Kwak, Jisun An and Bernard Jansen, Validating Social Media Data for Automatic Persona Generation • Amina Amara, Rihem Ben Romdhane, Mohamed Ali Hadj Taieb and Mohamed Ben Aouicha, Simulating the merge between user-centered graphs of social networks
08:30 - 10:00	IOTSMS Session 1	Chair: Dr. Shadi Alzubi
		• Rihab Boussada, Mohamed Elhoucine Elhddili and Leila Azouz Saidane, A Survey on Privacy: Terminology, Mechanisms and Attacks • Marco Conoscenti, Antonio Vetrò and Juan Carlos De Martin, Blockchain for the Internet of Things: a Systematic Literature Review • Sarra Naoui, Mohamed Elhoucine Elhdhili and Leila Saidane, Security Analysis of Existing IoT Key Management Protocols • Bacem Mbarek, Aref Meddeb, Wafa Ben Jaballah and Mohamed Mosbah, A Broadcast Authentication Scheme in IoT environments
08:30 - 10:00	DSC Session 1	Chair: Prof. Nadjia Benblidia and Prof. Ashraf Elnagar
		• Emna Ben Ayed, Christophe Kolski and Houcine Ezzedine, Context-based evaluation of mobile knowledge management systems • Rahma Djiroun, Kamel Boukhalfa, Zaia Alimazighi, Faten Atigui and Sandro Bimonte, A Data Cube Design and Construction Methodology Based on OLAP Queries • Mahmoud Al-Ayyoub, Qussai Yaseen, Yaser Jararweh, Mohammed Shehab and Firas Albalas, Exploiting GPUs to Accelerate Clustering Algorithms • Faten Khalfallah, Chafik Aloulou and Lamia Hadrich Belguith, HAD, a platform to create a historical dictionary

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08:30 - 10:00	SADASC Session 1	Chair: Prof. Mohamed Hamlich
		• Tarek Abid and Hafed Zarzour, Towards a smart city ontology • Manel Elleuchi, Energy aware linear sensor placement scheme for water pipeline monitoring • Fadoua Nejjari, Laila Benhlima,Mohammadia Slimane Bah, Event traffic detection using heterogeneous wireless sensors network • Youness Riouali, Laila Benhlima ,Slimane, Petri net extension for traffic road modelling
10:00 - 10:30	Coffee break	
10:30-12:30	OSNT Session 2	Chair: Dr. Bernard Jansen
		• Abdullateef Rabab'ah, Mahmoud Al-Ayyoub, Yaser Jararweh and Monther Aldwairi, Authorship Attribution of Arabic Tweets • Ali Salem and Hanêne Ben-Abdalla, Data warehousing Design: Automatic verification of conformity and summarizability constraints • Hassanin Al-Barhamtoshy, Maher Khemakhem, Fathi Eassa and Anas Fattouh, A Federated e-Learning Cloud System based on Mixed Reality • Allie Whitman and Bernard Jansen, Commercial Consequences of Amazon's Community Forums: The Case of the Kindle • Mohammed Al-Kabi, Areej Al-Qwaqenah, Amal Gigieh, Kholoud Alsmearat, Mahmoud Al-Ayyoub and Izzat Alsmadi, Building a Standard Dataset for Arabic Sentiment Analysis: Identifying Potential Annotation Pitfalls
10:30 - 12:30	IOTSMS Session 2	Chair: Dr. Shadi Alzubi
		• Manel Mrabet, Yosra Ben Saied and Leila Azzouz Saidane, A hybrid trust management system for cloud environments • Majid H. Alsulami, Anthony S. Atkins and Russell J Campion, The Use of Smart Watches to Monitor Heart Rates in Elderly People: AComplement Approach • Fatimah Al-Alem, and Mahmoud Al-Ayyoub, Technologies and Fingerprint Databases On the Road to the Internet of Biometric Things: A Survey of Fingerprint Acquisition • Shadi Alzubi, Mohammed Shehab, Mahmoud Al-Ayyoub, Elhadj Benkhelifa and Yaser Jararweh, Parallel Implementation of FCM-Based Volume Segmentation of 3D Images • Majid Alotaibi, Loai Tawalbeh and Yaser Jararweh, Integrated Sensors System Based on IoT and Mobile Cloud Computing • Loai Tawalbeh and Turki Al-Somani, More Secure Internet of Things Using Robust Encryption Algorithms Against Side Channel Attacks

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10:30 - 12:30	DSC Session 2	Chair: Prof. Nadjia Benblidia and Dr. Mohamad Alsmirat
		• Olfa Layouni and Jalel Akaichi, A Conceptual UML Profile for Modeling Fuzzy Trajectory Data: An Ambulance Use Case • Markus Zeindl, Markus Seitz and Christian Facchi, Correlation of Change Size to Fault-Proneness: A Real Life Case Study • Ashraf Elnagar and Omar Einea, BRAD 1.0: Book Reviews in Arabic Dataset • Duaa Ekhtoom, Mahmoud Al-Ayyoub, Mohammed Al-Saleh, Mohammad Alsmirat and Ismail Hmeidi, A Compression-Based Technique to Classify Metamorphic Malware • Abderrahim Ait Wakrime and Said Jabbour, On Repairing Queries in Cloud Computing • Elhadj Benkhelifa , Dayan Abishek Fernando, and Abdulaziz Alangari, Customised Performance Benchmarking for Novel Multi-Tenancy Architecture
10:30 - 12:30	SADASC Session 2	Chair: Prof. Mohamed Hamlich
		• M. A. Rabbah, N. Rabbah, H. Belhadaoui, M. Rifi, Challenges facing midlleware for mobile robots in smart environment • Adil Enaana ,Hicham Moutachaouik,Ichrak Saif ,Mustapha Hain, The Collaborative relevance in the distributed information retrieval • Abla Chaouni Benabdellah, Asmaa Benghabrit, Imane Bouhaddou, El Moukhtar, Big Data for Supply Chain Management: Opportunities and Challenges • Ichrak Mehrez, Olfa Hamdi-Larbi, Thomas Dufaud and Nahid Emad, Towards an auto-tuning system design for optimal sparse compression format selection with user expertise • Moulay Smail Bouzakraoui , Abdelalim SADIQ ,Nourddine Enneya, Towards a Framework for Customer Emotion Detection • A.EL khantach, M.Hamlich, N.Belbounaguiya: Network Architecture of smart metering basing on Zigbee sensors network • I.Slimani , A.Zaarane , A.Hamdoun, Convolution algorithm for implementing 2D Discrete Wavelet Transformon the FPGA
12:30 - 13:30	Conference Closing and Lunch	
After 13:30	FREE TIME	

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Posters			
Tuesday 29 Nov 13:30-15:30 Open Session	All Posters	Wednesday 30 Nov 14:30-15:50 (Best Poster)	Poster Session 1
		Thursday 01 Dec 14:30-15:50 (Best Poster)	Posters Session 2

Poster Presentation

Session 1

1. Sanae Achsas and El Habib Nfaoui, Intelligent Layer for Relational Aggregated Search Based on Deep Neural Networks
2. Mikhail Gofman, Sinjini Mitra and Nicholas Smith, A Hidden Markov Models Method for Feature-level Fusion of Biometrics on Mobile Devices
3. Mohamedou Cheikh Tourad, Abdelmounaïm Abdali and Ahmad Outfarouin, On a new index of Publish/Subscribe System in the context of Big Data
4. Ahmad Outfarouin, Abdelmounaim Abdali and Mohamedou Cheikh Tourad, Towards a new decisional needs formalization
5. Riad Bourbia and Lynda Dib, An agent-based architecture for a distributed MIS
6. Gaelle Laetitia, Mouafo Mapikou and Roger Atsa Etoundi, A Process Mining oriented approach to improve process models analysis in developing countries
7. Hajer Lahdhiri and Okba Taouali, Nonlinear process monitoring using a new kernel principal component analysis index
8. Maha Azabou, Analyzing textual documents with new OLAP operators
9. Mostefai Abdelkader and Ignacio Garcia Rodriguez de Guzman, Process Model Matching using Heuristic Search
10. Hela Malouche, Youssef Ben Halima and Henda Hajjami Ben Ghezala. Enterprise Information System Migration To The Cloud: Assessment Phase
11. Sara Handouf, Sara Arabi, Essaid Sabir and Mohammed Sadik, Telecommunication Market Share Game: Inducing Boundedly Rational Consumers via Price Misperception
12. Alae El Alami and Mohamed Bahaj, Framework For A Complete Migration Of Relational Databases To Other Types Of Databases(object oriented, object-relational, XML)
13. Abdelaali Hassaine, Ali Jaoua and Zeineb Safi, Authenticity Detection as a Binary Text Categorization Problem: Application to Hadith Authentication
14. Marwa Massaâbi and Jalel Akaichi, A Fuzzy Similarity Measure for Search Results Evaluation
15. Fernando de Lucca Siqueira, Patricia Della Mea Plentz and Edson Roberto De Pieri, Semantic Information Applied to Autonomous Navigation of Mobile Robots

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16. Hanen Abbes and Faiez Gargouri, Structure based Modular Ontologies Composition
17. Mohamed Frikha, Mohamed Mhiri, Mounir Zarai and Faiez Gargouri, Using TMT Ontology in Trust Based Medical Tourism Recommender System
18. Cristóvão L Finhani, Sergio Antonio Andrade Freitas, Mauricio Vidotti Fernandes and Edna Dias Canedo, An automatic essay correction for an active learning environment
19. Fedia Hlioui, Nadia Alioui and Faiez Gargouri, A Survey on Learner Models in Adaptive E-learning Systems
20. Wiem Maalej, Philippe Pernelle, Chokri Ben Amar, Thibault Carron and Elodie Kredens, Identification and modeling of the skills within MOOCs
21. Sahar Msaed, Philippe Pernelle, Chokri Ben Amar and Thibault Carron, Service oriented approach for modeling and generic integration of complex resources in MOOCs
22. Mouhcine RABI, Mustapha AMROUCH, Zouhir MAHANI, Driss MAMMASS. An improved Arabic Handwritten Recognition System using Embedded Training based on HMMs

Session 2

1. Nada Aouadi, Philippe Pernelle, Chokri Ben Amar, Thibault Carron and Stphane Talbot, Models and Mechanisms for implementing playful scenarios
2. Sahar Abdelhedi, Mouna Baklouti, Riad Bourguiba and Jaouhar Mouine, Design and Implementation of a Fall Detection System on a Zynq board
3. Faiza Loukil, Molka Rekik and Khouloud Boukadi, AntiPattren-based Cloud Ontology Evaluation
4. Taycir Bouasker, Mahjoub Langar and Riadh Robbana, Novel time related quality of service criteria
5. Nirmal Kumbhare, Cihan Tunc, Salim Hariri, Ivan Djordjevic, Ali Akoglu and Howard Jay Siegel, Just In Time Architecture (JITA) for Dynamically Composable Data Centers
6. Mostafa El Mallahi, Hassan Qjidaa, Anass El Affar, Ahmed Tahiri, Abderrahim Mesbah and Amal Zouhri, An Algorithm for Fast computation of Three-Dimensional Meixner Moments
7. Anass El Aouni, Khalid Minaoui, Ayoub Tamim, Khalid Daoudi, Hussein Yahia and Driss Aboutajdine, An improved method for accurate computation of coastal upwelling index using Sea Surface Temperature Images
8. Fabrício Quintanilha Baptista, Mário Popolin Neto, Diego Roberto Colombo Dias, Marcelo de Paiva Guimarães and José Remo Ferreira Brega, 3D Content Generation to Moodle Platform to Support Anatomy Teaching and Learning
9. Ilyas El Jaafari, Mohamed El Ansari and Lahcen Koutti, Temporal consistent stereo matching approach for road applications
10. Soumoud Fkaier, Mohamed Romdhani, Mohamed Khalgui and Georg Frey, Enabling Reconfiguration of Adaptive Control Systems Using Real-Time Context-Aware Framework
11. Lamia Ben Amor, Imene Lahyani and Mohamed Jmaiel, Towards ODRAH: an Ontology-based Data Reliability Assessment in mobile Health
12. Mariem Haoues, Asma Sellami and Hanene Ben-Abdallah, Predicting the Functional Change Status in UML Activity Diagram From the Use Case Diagram
13. Safa Guellouz, Adel Benzina, Mohamed Khalgui and Georg Frey, Reconfigurable Function Blocks: Extension to the Standard IEC 61499

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14. Zineb Aarab, Rajaa Saidi and Moulay Driss Rahmani, Event-Driven Modeling for Context-Aware Information Systems
15. Bais Hanane, Machkour Mustapha and Koutti Lahcen, An independent-domain Natural Language Interface for Relational Database: case Arabic Language
16. Seifeddine Mechti, Ayoub Abbesi, Lamia Hadrich Belguith and Rim Faiz, An empirical method using features combination for Arabic native language identification
17. Faiza Walha, Abdelghani Bekrar, Sondes Chaabane and Taicir Loukil, A Road Rail PI hub allocation problem: heuristic in static and dynamic case
18. Hanen Nasri, Wael Ouarda and Adel M. Alimi, ReLiDSS: Novel Lie Detection System from Speech Signal
19. Sana Ibjaoun, Anas Abou El Kalam, Vincent Poirriez, Abdellah Ait Ouahman and Mina De Monntfort, Analysis and enhancements of an efficient biometric-based remote user authentication scheme using smart cards
20. Khalil Omar and Jorge Marx Gómez, A selection model of ERP system in mobile ERP design science research
21. Firas Ben Kharrat, Aymen Elkhlifi and Rim Faiz, Recommendation system based contextual analysis of Facebook comment
22. Hasna Elalaoui Elabdallaoui, Abdelaziz Elfazziki, Fatima Zohra Ennaji, Abderrahmane Sadiq and Mohamed Sadgal, How Can Crowdsourcing Help In Crisis Situations? Missing Kids Case Study

Date and Time	PhD Forum
Session1 Wednesday 14:30- 15:30	- Hanen Rhayma, Achraf Makhloufi, Ahmed Ben Hmida and Habib Hmam Self-Embedding Authentication Scheme based on Data Representation through Combination with Recover Capability - Abdessamad El Ansari, Anass Mansouri and Ali Ahaitouf An efficient FPGA based VLSI Architecture for Integer DCT in HEVC Standard - Abdessamad El Ansari, Anass Mansouri and Ali Ahaitouf Comparative Analysis Of the HEVC Decoder on Two Embedded Processors using NEON Technology - Yosr Ghozzi, Nesrine Baklouti and Adel Alimi A Novel Method for Images Retrieved by using Near Fuzzy Set
Session 2 Thursday 14:30- 15:30	- El Benany Mohamed Mahmoud and Omar Elbeqqali (we need to find situation) Cross-Organizational Orchestrator for E-Government Interoperability - Wiam Zamrani Towards The Growth of Optical Security Systems for Image Encryption by Polarized Light - Molka Dhieb and Mondher Frikha A Multilevel Thresholding Algorithm for Image Segmentation Based on Particle Swarm Optimization - Hanan Anzid, Gaetan Le Goic, Aissam Bekkarri, Alamin Mansouri and Driss Mammass Improving point matching on multimodal images using distance and orientation automatic filtering

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AICCSA 2016 Tracks

Track 1: IR, Big Data, Business Intelligence, & Knowledge Management
Track 2: Cloud, Parallel, Distributed and High Performance Computing
Track 3: Multimedia, Computer Vision and Image Processing
Track 4: Advances in Software Engineering
Track 5: Natural Language Processing and Applications
Track 6: Advances in AI, Agent Systems and Ambient Intelligence
Track 7: Advances Networking and Sensor Networks
Track 8: Systems and Software Security
Track 9: Social and Mobile Computing
Track 10: Advances in Web Technologies, Semantics and Future Internet
Track 11: Digital Living including E-Learning, E-Government, E-Health

AICCSA 2016 Workshops

- 3rd International Symposium on Internet of Things: Systems, Management and Security (IOTSMS 2016)
- The Second International Workshop on Online Social Networks Technologies (OSNT-2016)
- 1st International Workshop for Data Science and Computing (DSC'2016)
- International Workshop on Smart Applications and Data Analysis for Smart Cities (SADASC 2016)

AICCSA 2016 KEYNOTE Speakers

Dr. Ahmed Elmagarmid   Dr. Athman Bouguettaya   Dr. Jim Jansen   Dr. Abdella Battou

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VENUE

Getting to the Conference Place

AICCSA 2016 will be held at Agadir city-Morocco. The hotel where the conference will take place is Royal Atlas Hotel 5* Agadir. The Hotel Conference address is: Royal Atlas, Boulevard 20 Août, Agadir 80000, Morocco. For more information visit: Royal Atlas Website.

If no direct flights are possible to Agadir from outside Morocco, Transit in Major Airports, then, you have two option

By plane

- From Marrakech Menara International Airport (RAK)
There is a direct flight from Marrakech to Agadir. The flight duration is nearly 30 min. The schedule could be found in the national air company at: **Royal Air Maroc**

- From Casablanca Mohamed V Internatonal Airport (CMN)
There is a direct flight from Casablanca to Agadir. The flight duration is nearly 60 min. The schedule could be found in the national air company at: Royal Air Maroc

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Or by Bus

- From Marrakech train station
You can take a ticket of Supratours Bus or CTM Bus for 110 Dh. More information about the trip schedule are available on: Marrakech Tickets

- From Casablanca
You can take the CTM (Moroccan Transportation Company) located in downtown. It costs nearly 220 Dh to get from Casbablanca to Agadir. The trip duration is nearly 06h00. More information about the trip schedule can be found on CTM.

Transfer from Agadir Al Massira Airport (AGA) to the Royal Atlas Hotel

By Taxis / Car
- Taxis are available from right outside the arrivals hall of the airport.
- The Fares to the city center of Agadir are fixed to 200 dirhams (20 euros).
- The trip takes about 25 minutes.

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