

Program

Thursday, September 26, 2019					
08:00	Registration (Early registration starts wednesday, september 25, at 16:00)				
09:00	Opening Ceremony				
09:45	Keynote 1 Amphitheater				
10:30	Coffee Break / Session Poster J				
11:00	<table border="1"> <tr> <td>Session J1 Room 1</td> <td>Session J2 Room 2</td> <td>Session J3 Room 3</td> <td>Session J4 Amphitheater</td> </tr> </table>	Session J1 Room 1	Session J2 Room 2	Session J3 Room 3	Session J4 Amphitheater
Session J1 Room 1	Session J2 Room 2	Session J3 Room 3	Session J4 Amphitheater		
13:40	Lunch				
15:00	Keynote 2 Amphitheater				
15:45	<table border="1"> <tr> <td>Session J5 Room 1</td> <td>Session J6 Room 2</td> <td>Session J7 Room 3</td> <td>Session J8 Amphitheater</td> </tr> </table>	Session J5 Room 1	Session J6 Room 2	Session J7 Room 3	Session J8 Amphitheater
Session J5 Room 1	Session J6 Room 2	Session J7 Room 3	Session J8 Amphitheater		
17:15	Coffee Break / Session Poster J				
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21:00	Gala Dinner				
Friday, September 27, 2019					
08:00	Registration				
08:30	<table border="1"> <tr> <td>Session V1 Room 1</td> <td>Session V2 Room 2</td> <td>Session V3 Room 3</td> </tr> </table>	Session V1 Room 1	Session V2 Room 2	Session V3 Room 3	
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10:30	Coffee Break / Session Poster V				
11:00	<table border="1"> <tr> <td rowspan="2">Session V1 Room 1</td> <td>Keynote 3 Room 3</td> </tr> <tr> <td>Keynote 4 Room 3</td> </tr> </table>	Session V1 Room 1	Keynote 3 Room 3	Keynote 4 Room 3	
Session V1 Room 1			Keynote 3 Room 3		
	Keynote 4 Room 3				
11:45					
13:40	Lunch				
15:00	Keynote 5 Room 3				
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17:25	Coffee Break / Session Poster V				
17:40	<table border="1"> <tr> <td>Session V7 Room 1</td> <td>Session V5 Room 2</td> <td>Session V6 Room 3</td> </tr> </table>	Session V7 Room 1	Session V5 Room 2	Session V6 Room 3	
Session V7 Room 1	Session V5 Room 2	Session V6 Room 3			
19:00	Closing Ceremony				
Saturday, September 28, 2019					
10:00	Social Event				
17:00					

Keynote Talks

Keynote 1 Amphitheater	SCALE: Smart City as an off-campus Learning Environment Prof. Abdellah Touhafi , Electronics and ICT Vrije Universiteit Brussel Brussels, Belgium	Thursday 9:45 - 10:30
Keynote 2 Amphitheater	Importance of Smart Innovations and Communication Technologies for sustainable and responsible architecture Prof. Sanela Klarić , Architecture Department International Burch University Sarajevo, Bosnia and Herzegovina	Thursday 15:00 - 15:45
Keynote 3 Room3	Internet of Things: Monitoring and optimization challenges for Security issues Prof. Abderrahim Benslimane , Professor of Computer-Science, Avignon University France	Friday 11:00 - 11:45
Keynote 4 Room 3	Perception and Deep Learning for Autonomous Vehicles Prof. Vincent FREMONT , Laboratory of Digital Sciences of Nantes (LS2N) Ecole Centrale de Nantes, France	Friday 11:45 - 12:30
Keynote 5 Room 3	The success of Smart City concept requires engineers with a hybrid profile Prof. M'Hamed Drissi , Director of INSA Rennes, France	Friday 15:00 - 15:45

Presentation Instructions

Oral Presenters

All presentations **should be in English**.

The duration of a presentation slot is 15 minutes. **You will have 10 minutes for the presentation itself and 5 minutes for questions from the audience.** Since most speakers spend an average of one minute per slide, it would probably be best if the number of slides in your presentation is around 10.

Please note that all presentations must be pre-loaded in the conference provided laptops at the beginning of each day. Please bring a memory stick containing your presentation. To avoid software compatibility problems (MS PowerPoint), speakers are advised to save their PowerPoint presentation in "pack-n-go" format AND bring a backup PDF version of their presentation.

Speakers should arrive in their session room 15 minutes before the start of the session to report to the chair person. A person will also be available in case you need technical assistance.

Poster Presentations

Poster boards will be available for presenters to put up their poster presentations. **It is essential that your poster is put up one hour before the beginning of the session and removed immediately after it has ended**, any explanation required should be provided to session chairs and visitors in **English**.

The placement of your poster will be marked on the panel, where it will be presented with the number of your paper ID. Look for your number in the conference program.

You will be required to be present at your poster presentation during the hours listed in the conference program for the poster session. If your poster is not accompanied by a presenter, it will be marked as a no-show.

Dimension of Poster: A1 (594 x 841 mm)

Session J1		Wireless & Mobile Computing, Networking & Communication	
		Chairs : Abdellah Touhafi, Universiteit Brussel, Belgium Abderrahim Benslimane, Avignon University, France	
Thursday, SEPTEMBER 26 (11:00 - 13:40) Room 1	ID-019	An Uplink and Downlink-oriented Approach in Automatic Cell Planning for IEEE 802.11 Networks Marc Kacou, Valery Guillet, Jean-Yves Thiriet , Ghaïs El Zein and Gheorghe Zaharia.	
	ID-025	Wireless Network Stability Enhancement Based on Spatial Dependency Halim Berradi, Ahmed Habbani, Chaimae Benjbara, Nada Mouchfiq, Hicham Amraoui.	
	ID-142	TDMA-Clustering based Approach to avoid the Reader-to-tag Collision Problem Sara EL Ouadaa, Slimane Bah, Abdelaziz Berrado.	
	ID-180	Modeling and Simulation of LoRaWAN for Smart Metering Network Zakariae Jebrooni, Hajar Chadli, Khalid Salmi, Belkassem Tidhaf.	
	ID-181	LoRa based Smart Electrical Energy Meter Zakariae Jebrooni, Hajar Chadli, Khalid Salmi, Belkassem Tidhaf.	
	ID-245	EN-OLSR: A New Residual Energy-based OLSR Protocol in Mobile Ad hoc Networks MANET Safaa Laqtib, Khalid El Yassini, Moulay Lahcen Hasnaoui.	
	ID-270	Software Defined Network and IoT for Wireless Sensor Network and smart irrigation Mohamed Saad Azizi, Moulay Lahcen Hasnaoui.	
	ID-295	Energy saving in Wireless Sensor Network using nodes sleep or active approach and sensing range Gayathri Devi, Gowrishankar Subrahmanyam.	
	ID-300	The use of uBPMN for modeling application of RFID to procurement process Ihsane Abouzid, Rajaa Saidi	

Session J2		Computer Vision & Data Processing	
		Chairs: Kidiyo Kpalma, INSA Rennes, France Mirka Saarela, University of Jyväskylä, Finland	
Thursday, SEPTEMBER 26 (11:00 - 13:40) Room 2	ID-006	Local binary patterns and its variants: application to face analysis Jade Lizé, Vincent Débordès, Hua Lu, Kidiyo Kpalma, Joseph Ronsin.	
	ID-015	Reducing LBP features for facial identification and expression recognition Joseph Ronsin, Kidiyo Kpalma, Hua Lu.	
	ID-036	Video Retrieval Using Query Images & CNN Features Imane Hachchane, Abdelmajid Badri, Aïcha Sahel, Yassine Ruichek.	
	ID-120	New optimization of the fundamental matrix by the robust detector for stereo images Ahmed Chater and Abdelali Lasfar.	
	ID-160	Post-Processing using wavelet and Fourier transform of guided wave with the presence of a symmetrical defect on surface Houda Alouane, Rachid Marrakh, Taoufiq Belhoussine Drissi, Benayad Nsiri, Soumaya Zayrit.	
	ID-183	Application the Method of Similarity for the Decision-Making Process Peeter Lorents, Maryna Averkyna.	
	ID-235	CUDA Accelerating of Fractal Texture Features for a Neuro-morphological Image Segmentation Approach Khalid Salhi, El Miloud Jaara, Mohammed Talibi Alaoui.	
	ID-236	Efficient mapping method for elliptic curve cryptosystems based on PWLCM Salma Bendaoud, Fatima Amounas, El Hassan El Kinani.	
	ID-244	3D Shape recognition based on uncoded structured light using ANN classifier Kaoutar Baibai, Mohamed Emharraf, Wafae Mrabti, Khalid Hachami, Benaïssa Bellach.	
	ID-291	Applying systems' similarities to assess the plausibility of armed conflicts Peeter Lorents, Ahto Kuuseok, Erika Lorents.	

Session J3		Biomedical, Smart Health & applications
		Chairs: Muhamad Kamal M Amin, (MJIIT) UTM Kuala Lumpur Malaysia Kamal Aberkani, FPN, Morocco
Thursday, SEPTEMBER 26 (11:00 - 13:40) Room 3	ID-039	Tracking Critical Thinking Mind Behavior among University Student by using functional Near Infrared Spectroscopy (fNIRS) Technology Nurul Syazwani Dollah, Muhamad Kamal Mohammed Amin.
	ID-040	Evaluating The Efficacy Of Heart Rate Variability (HRV) Biofeedback Training In Building Resilience Among University Students Nur Arina Shahirah Sha'ari, Muhamad Kamal Mohammed Amin and Hasdiana Hussin.
	ID-048	The Role of Heart Rate Variability Biofeedback on the Stress: A Case among University Students Nur Aisyah Mohd Yusri, Muhamad Kamal Mohammed Amin.
	ID-051	The Effects of Neurofeedback on Event Related Potential (ERP) in Zikr Meditation Nur Arina Ayuni Helman, Muhamad Kamal Mohammed Amin.
	ID-052	Exploring Eye-gaze Behaviors on Emotional States for Human-Computer Interaction (HCI) using Eye Tracking Technique Sumita Thiyagarajan, Muhamad Kamal Mohammed Amin.
	ID-200	Novel alignment approach of DNA sequences Wajih Rhalem, Jamal El Mhamdi, Mourad Raji, Ahmed Hammouch, Nassim Kharmoum, Sanae Raoui, Saaïd Amzazi, Salsabil Hamdi, Hassan Ghazal.
	ID-249	Prediction of bacteria shape in the case of unbalanced dataset Souad Bechrouri, Abdelilah Monir, Hamid Mraoui, Adil Maleb.

Session J4		Solar Thermal and Mechanics
		Chairs: Smail Zouggar, ESTO, Morocco Sanela Klarić, Sarajevo, Bosnia and Herzegovina
Thursday, SEPTEMBER 26 (11:00 - 13:40) Amphitheater	ID-077	Optical degradation of CSP reflectors under Moroccan-Eastern climate: An experimental investigation Mouatassim Charai, Latifa Elboujdaini, Ahmed Mezrhah, Abdelhamid Mezrhah, Mustapha Karkri.
	ID-090	Modeling Spring Impact on Durability of Welded Structure for electric Vehicles Utilization Imane Amarir, Hamid Mounir, Abdellatif Elmarjani, Kaoutar Daoudi.
	ID-098	Accurate Evaluation of Solar Irradiation of a Satellite Dataset under Ground Measurements Latifa El boujdaini, Ahmed Mezrhah, Abdelhamid Mezrhah, Mohammed Amine Moussaoui, Mouatassim Charai.
	ID-149	Analysis and Optimization of SM and TES hours of Central Receiver Concentrated Solar Thermal with two-tank molten salt thermal storage Hanane Ait Lahoussine Ouali, Benyounes Raillani, Samir Amraoui, Mohammed Amine Moussaoui, Abdelhamid Mezrhah, Ahmed Mezrhah.
	ID-158	Shape Optimization of Planetary Gear Train by Mean of Genetic Algorithm Kaoutar Daoudi, El Mostapha Boudi, Imane Amarir.
	ID-161	Validation and numerical study of an Earth-to-Air Heat Exchanger for cooling and preheating Haitham Sghiouri, Mouatassim Charai, Ahmed Mezrhah, Mustapha Karkri.
	ID-209	Multi-objective Optimization of an Earth-to-Air Heat Exchanger Haitham Sghiouri, Mouatassim CHARAI, Ahmed Mezrhah, Mustapha Karkri.
	ID-228	NaI(Tl) Detector Responses and a Validation MCNPX Monte Carlo Simulation Bazza Abdelkarim, Abdelkader El Hamli, M. Hamal, Abdelilah Moussa, Mustapha Zerfaoui, Mohamed Ouchrif.
	ID-260	Running GATE software on Moroccan cluster computing to simulate particle interactions within linear accelerator system Deae-eddine Krim, Abdeslem Rrhioa, Dikra Bakari, Mustapha Zerfaoui, Yassine Oulhouq.
	ID-301	Numerical Investigation Of Compressibility Effect On The Weakly Compressible Poiseuille Flow Sanae Ouajdi, Fayçal Moufekkir, Soufiane Derfoufi, Ahmed Mezrhah.

Session J5		Energy and Multi-Source Systems Management (WEMSM'19)	
		Chairs: Smail Zouggar, ESTO, Morocco Mohamed Larbi ELHAFYANI, ENSAO, Morocco	
Thursday, SEPTEMBER 26 (15:45 - 19:30) Room 1	ID-116	Rail Power Conditioner Based on AC/DC Converter Using a Three-Phase V/V Power Transformer Zineb Zorgani, Abdelmajid Badri, Yassine Sayouti.	
	ID-122	Simulation and analysis of enhanced perturb and observe MPPT algorithm based on an Adaline neural network for standalone PV system Ihssane Chtouki, Houssam Eddine Chakir, Patrice Wira, Malika Zazi, Bruno Collicchio.	
	ID-159	Real time implementation of SPWM signal generation technique for a new five level inverter using microcontroller Hajar Chadli, Zakariae Jebroni, Sara Chadli, Khalid Salmi, Mohammed Saber, Abdechafik Derkaoui, Abdelouahad Tahani.	
	ID-164	Design of a PWM sliding Mode Voltage controller of a DC-DC boost Converter in CCM at variable conditions Weam El Merrassi, Abdelouahed Abounada, Moahmed Ramzi.	
	ID-193	Design and Performance Analysis of Super-Twisting Algorithm Control for Direct-Drive PMSG Wind Turbine Feeding a Water Pumping System Soufyane Benzaouia, Zouggar Smail, Abdelhamid Rabhi, Mohammed Larbi Elhafyani.	
	ID-198	Electric System Cascade Analysis for optimal sizing of an Autonomous Photovoltaic Water Pumping System Mohammed Chennaif, Mohammed Larbi Elhafyani, Hassan Zahboune.	
	ID-199	Techno-Economic Sizing of a Stand-alone hybrid Energy and storage for Water Pumping System Mohammed Chennaif, Hassan Zahboune, Mohammed Larbi Elhafyani.	
	ID-251	Study of the Performance of Different Topologies on Inverters H4, H5, HERIC and H6 Complete Bridge for a Photovoltaic System Without Transformer, With PR Controllers Lamreoua Abdelhak, Anas Benslimane, Bekkay Hajji, Mostafa El Ouariachi.	
	ID-296	PSIM and Matlab co-simulation of a sensorless MPPT for PMSG wind turbine using a fuzzy logic controller Mhamed Fannakh, Mohammed Larbi Elhafyani, Hassan Zahboune, Zouggar Smail.	
ID-303	Contribution to Power Maximization of an Asynchronous Wind Electric Water Pumping System Using Single Input Fuzzy Logic Controller & Modified Enhanced Perturb and Observe Mohammed Mokhtari, Smail Zouggar, Nacer K M'sirdi, Mohamed Larbi Elhafyani.		

Session J6		Software Engineering & Data Science	
		Chairs: Mohammed Ghaouth Belkasmi, ENSAO, Morocco Redouane Esbai, ENCGO, Morocco	
Thursday, SEPTEMBER 26 (15:45 - 19:30) Room 2	ID-031	Developing Healthcare ERP Using Model-Driven Architecture Approach Fatima Zahra Yamani, Mohamed El Merouani, Redouane Esbai.	
	ID-084	SVM on HPC Clouds: Choosing the Appropriate Classification Algorithm and Kernel Type According to the Data Set Characteristics Mouncef Filali Bouami, Mohamed Benchat.	
	ID-097	Extracting Models from Struts Web Application in the ADM Approach Fouad Elotmani, Redouane Esbai, Mohamed Atounti.	
	ID-118	Semantic Web Services Composition Using Ant Colony System based Semantic Matching Naoufal El Allali, Mourad Fariss, Hakima Asaidi, Mohamed Bellouki.	
	ID-133	PBMN TO UML class diagram Mohamed Achraf Habri, Redouane Esbai.	
	ID-143	Computer platform for remote monitoring of distributed installations in rural areas using GISs Bala Moussa Biaye, Khalifa Gaye, Cherif Ahmed Tidiane Aidara, Amadou Coulibaly, Serigne Diagne.	
	ID-223	Managing and evaluating data quality in big data: A mapping study Imane Ezzine, Laila Benhlime.	
	ID-305	Model-Based Testing from Model Driven Architecture: A novel Approach for Automatic Test Cases Generation Imane Essebaa, Salima Chantit, Mohammed Ramdani.	
	ID-003	A survey for validation concepts to measure quality as well their application on the maintainability of ISO Zineb Bougroun, Mohammed Saber, Ilhame Elfarissi, Mohammed Ghaouth Belkasmi, Bouchentouf Toumi.	
	ID-265	Global IT Project Management : an Agile Planning Assistance Mohammed Ghaouth Belkasmi, Zineb Bougroun, Ilhame El Farissi, Mohamed Emharraf, Saida Belouali, Sara Chadli, Mohammed Saber.	

Session J7		Precision Agriculture (PrecAgri'19)	
		Chairs: Kamal Aberkani, FPN, Nador, Morocco Rachid Hadria, INRA Oujda, Morocco	
Thursday, SEPTEMBER 26 (15:45 - 19:30) Room 3	ID-298	Intelligent agriculture platform based on low energy and cost wireless sensors for efficient water irrigation	Emharraf mohamed, Ali El Moussati, Kamal Aberkani.
	ID-055	CropSAT – a decision support system for practical use of satellite images in precision agriculture	Omran Alshihabi, Kristin Piikki, Mats Söderström.
	ID-194	Correlation Analysis of NDVI and Integral NDVI to Rice Crop Yield	Oscar Barrero, Luis Armando Castilla Lozano.
	ID-213	Rice Yield Prediction Using On-Farm Data Sets and Machine Learning	Oscar Barrero, SOFIANE ouazaa, Camilo Ignacio Jaramillo-Barrios, Mauricio Quevedo, Nesrine Chaali, Isidro Beltran, Omar Montenegro.
	ID-089	Fuzzy Speed Control into a Central Pivots Irrigation Systems for Variable Rate Irrigation Estimates	Willians Ribeiro Mendes, Fábio Meneghetti U. Araújo, salah Er-Raki.
	ID-113	Inter-comparison between different techniques for evapotranspiration partitioning: eddy covariance-, sap flow-, lysimeter- and FAO-based methods	Zoubair Rafi, Olivier Merlin, Valérie Le Dantec, Said Khabba, Salah Er-Raki, Patrick Mordelet.
	ID-210	Effects of climate change at the 2040's horizon on the hydrology of the pluvio-nival Rheraya watershed near Marrakesh, Morocco	Hajhouji Youssef, Fakir Younes, Vincent Simonneaux, Gascoin Simon, Jarlan Lionel, Bouras El Houssaine, Chehbouni Abdelghani.
	ID-283	Estimation of the evapotranspiration over a heterogeneous region using Shuttleworth-Wallace model	Jamal El Farkh, salah Er-Raki, Jamal Ezzahar, Lionel Jarlan, Said Khabba, Chehbouni Abdelghani.
	ID-176	The 4th HELIX in the quadruple one: The contemporary concept and the case study of Bosnia and Herzegovina in the field of energy and agriculture	Sanela Klaric, Lamija Subasic.

Session J8		Machine Learning & Intelligence Artificial	
		Chairs: Kidiyo Kpalma, INSA Rennes, France Vincent Frémont, Centrale de Nantes, France	
Thursday, SEPTEMBER 26 (15:45 - 19:30) Amphitheater	ID-016	Auditing approach based on simplification and frequency paths concepts	Zineb Lamghari, Maryam Radgui, Rajaa Saidi, Moulay Driss Rahmani.
	ID-022	Comparison of Feature Importance Measures	Susanne Jauhiainen, Mirka Saarela.
	ID-063	Performance Evaluation of Neural Networks and their application to handwritten digit recognition	El Hadi Moulay Lhabib And M'barek Nasri
	ID-064	An Embedded Adaptive Traffic Lights Control Based On a Deep Learning Approach	Mazari Sarah, Chikr Elmezouar Miloud and Ilias Dahi.
	ID-079	Ontology-based reasoning for Collective Intelligence of Multi-Agents System	Chemlal Yman, Medroumi Hicham.
	ID-086	Prediction of direct normal irradiance using artificial neural networks under Oujda climate	Latifa El Boujdaini, Ahmed Mezrhah, Mohammed Amine Moussaoui.
	ID-105	BlockHR – A Blockchain based Framework for Health Records Management	Leila Ismail, Huned Materwala.
	ID-178	Author Name Disambiguation on Ambiguous Data of Chinese Authors using Machine Learning Approaches	Sidra Khalid, Saeed-UI Hassan, Matthew Shardlow, Darren Dancey and Raheel Nawaz.
	ID-220	Citation Classification using Natural Language Processing and Machine Learning Models	Syyab Rahi, Iqra Safder, Sehrish Iqbal, Saeed-UI Hassan, Iain Reid, Raheel Nawaz.
	ID-277	Deep learning for sentiment analysis on Twitter	Badiâa Hedjazi, Zaia Alimazighi, Azzouz Mahdia.
	ID-289	Path planning Algorithm for initially unknown indoor environment navigation	Mohamed Emharraf, Mohammed Saber, Mohammed Ghaouth Belkasm, Ilhame El Farissi, Sara Chadli, Mohammed Rahmoun.

Session V1		Digital Scholarship & Humanities (DH'19 & EIFR'19)	
		Chairs: Saida Belouali, ENSAO, Morocco Larbi Touaf, FLSHO, Morocco	
Friday, September 27, 2019 (08:30 – 10:30)	Room 1	ID-050	Tracking Entrepreneurial Mind among University Student through functional Near-Infrared Spectroscopy (fNIRS) Technology Nur Izzati J. Sham, Muhamad Kamal Mohammed Amin
		ID-072	Understanding the Study Experiences of Students in Low Agency Profile: Towards a Smart Education Approach Ville Heilala, Päivikki Jääskelä, Tommi Kärkkäinen, Mirka Saarela
		ID-081	A model for creating and using appropriate cyber-safety awareness delivery methods in diverse South African schools Kagisho Mabitle , Elmarie Kritzinger
		ID-154	Pursuing Equality in the Fourth Industrial Revolution Catherine M. Roche , Patricia E. Szobonya
		ID-163	Recommendation system for scientific articles: Comparative study of the main recommendation approaches Driss El Alaoui, Jamal Riffi, Badraddine Aghoutane, Abdelouahed Sabri, Ali Yahyaouy, Hamid Tairi
		ID-173	Let Me Hack It: Teachers' Perceptions About 'Making' in Education Ville Heilala, Mirka Saarela, Sanna Reponen, Tommi Kärkkäinen
		ID-208	It Governance In Public Sector Organizations: The Impact Of External Environment Amine Laita, Mustapha Belaïssaoui
		ID-243	Comparing the Effect Size of School Level Support on Teachers' Technology Integration Eloho Ifinedo
		ID-256	Ethics of AI or ethical AI, topical point of view Saida Belouali, Anas Belouali, Mohammed Saber, Khalid Jaafar, Mohammed Ghaouth Belkasmi
		ID-279	Open access publishing and ethical issues Nadia Benaïssa, Saida Belouali
ID-285	Intelligent Model for Evaluation Based on Expert System and Fuzzy Logic Khalid Salmi, Hanane Sefraoui, Hamid Magrez, Abdechafik Derkaoui, Abdelaziz El Moussaouy, Abdelhak Ziyat		

Session V2		Radio Frequency and Printed Antennas	
		Chairs: Ali El Moussati, ENSAO, Morocco Abdelhak Ziyat, FSO, Morocco	
Friday, September 27, 2019 (08:30 – 10:30)	Room 2	ID-056	Reduction of 2*1 array patch antennas mutual coupling using new design of resistive material Ouissale Ouazzani, Mohammed Jorio, Saad Bennani, Abdellatif Slimani
		ID-101	Design of a microstrip patch UWB antenna with notch band characteristic Lahcen Aguni, Samira Chabaa, Saida Ibnyaich, Abdelouhab Zeroual
		ID-172	60 GHz RoF System Based on IR-MBOOK Transmitter and Non-Coherent Receiver Tarik Zarrouk, Ali El Moussati, Papa Alioune Fall, Ghaïs El Zein
		ID-189	Impact of human morphology on measurement errors of a RF Exposimeter Derkaoui Abdechafik, Rodrigues Kwate Kwate, Elmagroud Bachir, Picard Dominique, Abdelhak Ziyat
		ID-196	A Sinusoidal-Sweep Shaped Microstrip Antenna for Wireless Communications Zakaria Er-Reguig, Hassan Ammor
		ID-261	RF-Exposimeter errors measurement: frequency and distance Impact Rodrigues Kwate Kwate, Elmagroud Bachir, Derkaoui Abdechafik, Taybi Chakib, Picard Dominique, Abdelhak Ziyat

Session V3		IoT Challenges & Solutions (IoT-C&S'19)
		Chairs: Omar Moussaoui, ESTO, Morocco Mohammed Hassine, Tisalabs, Morocco
Friday, September 27, 2019 (08:30 – 10:30) Room 3	ID-027	Classification of security attacks in WBAN for medical healthcare Asmae Bengag, Omar Moussaoui, Mimoun Moussaoui
	ID-179	Toward a Deep Learning-based Intrusion Detection System for IoT against Botnet Attacks Idriss Idrissi, Mohammed Boukabous, Mostafa Azizi, hakim el fadili, Omar Moussaoui
	ID-190	IOT Security Management: Model and design issues Benzekri ghizlane, Omar Moussaoui, Ali El Moussati
	ID-219	Study and Optimization of the System Energy in WSN with Global and Sequential Experiment Designs Mohammed Jabri, Omar Moussaoui, Mimoun Moussaoui, Ali El Moussati
	ID-224	Towards Reliable and timely communications in Wireless Body Area Networks: A comparative study Nabila Azdad, Mohamed Elboukhari
	ID-288	Early forest fire detection with low power wireless sensors networks Benzekri Wiame, Ali El moussati, Omar Moussaoui, Mohammed Berrajaa

Session V4		Intelligent Systems and Applications (RAIA'19)
		Chairs: Mohammed Ghaouth Belkasmi, ENSAO, Morocco Toumi Bouchentouf, ENSAO, Morocco
Friday, September 27, 2019 (15:45 – 18:00) Room 3	ID-012	New Improvement of malware-attack scenarios modeling Rahmoun Nouredine, Ayachi Yassine, Jamal Berrich, Bouchentouf Toumi
	ID-070	A Generalized and Improved Freeman Chain Code for Offline Arabic Character Recognition Mohammed Kadi, Nasri M'barek
	ID-092	NL2Code : A Corpus and Semantic Parser for Natural Language to Code Achraf Berrajaa, El Hassane Ettifouri, Walid Dahhane, Bouchentouf Toumi, Mohammed Rahmoun
	ID-125	Corpus construction and annotation challenge for language identification and sentiment analysis Ibtissam Touahri, Azzeddine Mazroui
	ID-080	Artificial Neural Networks for Text-to-SQL task: state of the art Youssef Mellah, El Hassane Ettifouri, Bouchentouf Toumi, Mohammed Ghaouth Belkasmi
	ID-253	oBDI: A new model based on the O-MaSE methodology for the design of BDI agents Jamal Berrich, Bouchentouf Toumi
	ID-177	Feature Selection for Community Evolution Prediction in Location-Based Social Network: Gowalla and Brightkite Boujlaleb Loubna, Idarrou Ali, Mammass Driss

Session V5		Communications Systems & Applications	
		Chairs: M'Hamed Drissi, INSA Rennes, France Abdelhak Ziyat, FSO, Morocco	
Friday, September 27, 2019 (15:45 – 17:15) (17:40 – 18:40) Room 1	ID-042	Design of a MMIC Colpitts VCO for 5G mm-wave band Applications Abdelhafid Es-Saqy, Maryam Abata, Said Mazer, Moulhime El Bekkali, Younes Balboul, Mohammed Elghazi, Mohammed Fattah, Mahmoud Mehdi, Catherine Algani	
	ID-166	Using Handover Algorithms for the Selection of 5G Mobile Networks Imane Chattate, Mohamed Elkhaili, Hassan Ouajji	
	ID-175	Heuristic for Network Planning based on 5G Services M. Umar khan, Mostafa Azizi, Ana Garcia Armada, J. J. Escudero Garzàs	
	ID-239	Digital Video Broadcasting - Satellite - Second Generation Measurement and Test for Database Simulation Youssef Bikrat, Khalid Salmi, Benlghazi Ahmed, Abdelhamid Benali, Driss Moussaid	
	ID-205	Performance Improvement of OFDM-ROF System With Combined Adaptive Coded Modulation and Power Control Mohammed Amine Azza, Moussa El Yahyaoui, Ali El Moussati	
	ID-212	Optical Architecture for 60 GHz 4x4 MIMO Signal Distribution over Optical Fiber Moussa El Yahyaoui, Hachim Azzahafi, Ali El Moussati	
	ID-271	Evaluation of railway communications system based on 5G-RoF technology and millimeter wave band Hachim Azzahafi, Moussa El Yahyaoui, Ali El Moussati	

Session V6		Cybersecurity & Data protection	
		Chairs: Leila Ismail, College of IT, UAE University Omar Moussaoui, ESTO, Morocco	
Friday, September 27, 2019 (15:45 – 17:15) (17:40 – 18:40) Room 2	ID-017	Secure Linear Regression Algorithms: A Comparison Fida Dankar, Nisha Madathil	
	ID-087	Criteria for Security Classification of Smart Home Energy Management Systems Manish Shrestha, Christian Johansen, Josef Noll	
	ID-114	Internet of things security in smart city applications Zineb Boudanga, Siham Benhadou, Hicham Medromi, Jean-Philippe Leroy	
	ID-211	BI-based Approach for Security Analysis of Log files Yassine Azizi, Mostafa Azizi, Mohamed Elboukhari	
	ID-274	Analysis of KDD dataset categories to design a performing Intrusion Detection System Ilhame Elfarissi, Mohammed Saber, Emharraf Mohamed, Zineb Bougroun, Chadli Sara, Mohammed Ghaouth Belkasmi	
	ID-262	Multi-agents Intrusion Detection System Using ontology for Manets Sara Chadli, Hajar Hhadli, Mohammed Saber, Mohammed Ghaouth Belkasmi, Ilhame Elfarissi, Emharraf Mohamed	
	ID-276	A comparative performance analysis of the intrusion detection systems Mohammed Saber, Zineb Bougroun, Ilhame Elfarissi, Sara Chadli, Emharraf mohamed, Saida Belouali, Mohammed Ghaouth Belkasmi	

Session V7		Motors & Control Systems	
		Chairs: Sylvain Guegan, INSA Rennes, France Emharraf mohammed, ENSAO, Morocco	
Friday, September 27, 2019 (18:00– 19:00) Room 3	ID-082	Comparison between Constant and Variable Switching Frequency Strategies based Direct Torque Control of Asynchronous Motor Soukaina El Daoudi, Loubna Lazrak, Chirine Benzazah, Mustapha Ait Lafkih	
	ID-237	Rotating Machines Energy Loss Due To Unbalance Bouchra Abouelanouar, Ali ELkihel, Hassan Gziri	
	ID-259	Comparative study between PI speed control and Sliding Mode Control of BLDC motor Ahmed Loukmane El Idrissi, Jamal Bouchnaif, Mohammed Mokhtari, Bensliman Anas	

Posters Session J	Chairs: Sylvain Guegan, INSA Rennes, France Mohammed Saber, ENSAO, Morocco
Thursday, September 26 (10:30– 11:00) (17 :15 – 17 :40)	ID-029 Multi-path Coverage of all Final States for Model-Based Testing using Spark In-memory Design Wilfried Yves Hamilton Adoni, Moez Krichen, Tarik Nahhal, Abdeltif Elbyed
	ID-046 Tracking the Gazing Behavior in Cigarette Health Warning Label through Eye Tracking Technology Nur Atikah M Khedzer M Khedzer, Muhamad Kamal Mohammed Amin
	ID-053 Consumers Visual Processing Appraisal using Eye Tracking Device Nur Hellwa Baharom, Muhamad Kamal Mohammed Amin
	ID-057 Studying multi-dimensional signals through their space frequency representations Fatima Zahra Lamzouri, Bouchta Bouali
	ID-085 Grid Search Hyperparameters Optimization in a GPU accelerated SVM Classification Algorithm Mouncef Filali Bouami, Mohamed Benchat
	ID-088 Exploring The Eye-Mind Relationships Through Eye Tracking Technology in Context of Neuromarketing Asyraf Fadhli Zamri, Muhamad Kamal Mohammed Amin
	ID-106 Proliferation, rooting and acclimatization of zygotic embryos from local almond (Prunus dulcis) Souhayla Kodad, Reda Melhaoui, Mohamed Addi, Ahmed Elamrani, Malika Abid, Aatika Mihamou.
	ID-111 Machine vision-based cocoa beans fermentation degree assessment Aubain Yro, N'zi Édié Camille, Kpalma Kidiyo
	ID-124 Plants Classification using Neural Shifted Legendre-Fourier Moments Abderrahmane Machhour, Amal Zouhri, Mostafa El Mallahi, Zakia Lakhliai, Ahmed Tahiri, Driss Chenouni
	ID-129 Retrieving wheat water stress using thermal Landsat observations and an energy balance model Amazirh Abdelhakim, Salah Er-Raki, Olivier Merlin, Said Khabba, Jamal Ezzahar, Chehbouni Abdelghani
	ID-130 Cepstral coefficient extraction using the MFCC with discrete wavelet transform for the Parkinson disease diagnosis Soumaya Zayrit, Taoufiq Belhoussine Drissi, Benayad Nsiri, Abdelkrim Ammoumou
	ID-147 Performance assessment of Solar Dish-Stirling System for electricity generation in eastern Morocco Hanane Ait Lahoussine Ouali, Benyounes Raillani, Samir Amraoui, Mohammed Amine Moussaoui, Ahmed Mezrhab
	ID-188 Modelling resilience in an agricultural water Supply System Hasna Mounni, Karima Sebari, Ali Hammani, Laila Stour
	ID-227 Analysis and simulation thermal electric generation using Organic Rankine Cycle ALLA Majdouline, Mohammed Larbi Elhafyani, E.K. Gharibi
	ID-248 Big Health Data- Real time Smartwatch Application for monitoring Heart rate Salma Lbrini, Abdelhamid Fadil, Jarar Oulidi Hassan, Khomalli Mohamed, Hassan Rhinane
ID-280 Coupling a PV system to a three-phase Low Voltage Network Mohammed Larbi Elhafyani, Abdelmalek El Mehdi, Smail Zouggar	
ID-297 Hybrid System Energy Management in a Low Power Isolated Site Mohammed Larbi Elhafyani, Abdelmalek El Mehdi, Smail Zouggar	

Posters Session V		Chairs : Ali El Moussati, ENSAO, Morocco Joseph Ronsin, INSA Rennes, France
Friday, Septembre 27 (10:30– 11:00) (17 :25 – 17 :40)	ID-038	Evaluating a Heart Rate Variability (HRV) Biofeedback Training in Stress Management among University Students Siti Hajar Nik Syaharu Azwar, Muhamad Kamal Mohammed Amin
	ID-071	Reduction of the mutual coupling between radiating elements of an antenna by a new EBG structure Elabdi Abdellah, El Ayachi Moussa, Rahmoun Mohammed
	ID-083	Power Consumption Optimization using Piezoelectric Harvester in the Car Suspension Souad Touairi, Mustapha Mabrouki
	ID-091	Program synthesis research: Current State and Future Directions Achraf Berrajaa, El Hassane Ettifouri, Walid Dahhane
	ID-136	Some Placement Techniques of Test Components for Smart Cities and Internet of Things Inspired by Fog Computing Approaches Moez Krichen, Wilfried Yves Hamilton Adoni, Tarik Nahhal
	ID-174	Conception of a Tag antenna for patient identification Loubna Berrich, Lahbib Zenkour
	ID-191	Comparative study between network layer attacks in mobile ad hoc networks Oussama Sbai, Mohamed Elboukhari
	ID-197	Investor Sentiment Analysis for Stock Market prediction: A Survey Study Hind Bourezk, Amine Raji, Nawfal Acha, Hafid Barka
	ID-202	IoT is revolutionizing the world of mobile applications Hanane Benouda, Mohamed Lachgar, Selwa Elfirdoussi, Charaf Eddine Ait Zaouiat
	ID-222	An improvement of NTRU-1024 performance by speeding-up polynomial multiplication El Hassane Laaji, Abdelmalek Azizi, Siham Ezzouak
	ID-232	Non linear device modeling and its application to a high-efficiency power amplifier design Islam Toulali, Lahbib Zenkour
	ID-257	A Leaky-Wave Antenna for 5G Mobile Communication Youssef El Gholb, Miguel Poveda-Garcia, Alejandro Gil Martinez, José Luis, Gómez Tornero, Jose Maria Molina-Garcia-Pardo, Najiba El Amrani El Idrissi
	ID-302	A review on position-based routing techniques based upon GPSR protocol for VANETs Amina Bengag, Mohamed Elboukhari



Special Issue "Selected Papers from SmartICT'19"

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The submission for this special issue is open for extended versions of some selected best papers accepted and presented in The First Conference on Smart Information & Communication Technologies (SmartICT'19) which will take place at the Be Live Grand Saïdia Hotel, Saïdia, Morocco on September 26-28, 2019 .

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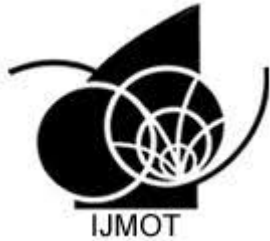
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