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## The 7<sup>th</sup> International Conference on Wireless Networks and Mobile Communications (WINCOM'19)

Collocated with,




The Global 5G-IoT Summit

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# PROGRAM

Conferences center, Faculty of Sciences and Technologies – Fez, Morocco  
October 29 – November 01, 2019

# WINCOM'2019 Program

Tuesday October 29, 2019	08H00-09H00	<b>REGISTRATION</b>	
	09H00-09H30	<i>WELCOME RECEPTION: OFFICIAL OPENING</i>	
	09H30-10H00	<b>COFFEE BREAK</b>	
	10H00-11H15	<p><b><u>PLENARY CONFERENCE 1</u> : "SCHEDULING COMPLEX REAL-TIME APPLICATIONS IN THE CLOUD - TRENDS AND CHALLENGES"</b></p> <p><b>PROF. HELEN KARATZA, PROFESSOR EMERITUS, ARISTOTLE UNIVERSITY OF THESSALONIKI, GREECE</b></p> <p><b>KEYNOTECHAIR: PROF. LYNDA MOKDAD, UNIVERSITY OF PARIS-EST, CRETEIL, FRANCE</b></p>	
	11H15-12H45	<p><b>SESSION IP 1 (CONFERENCE CENTER) : INVITED PAPERS</b></p> <p>SESSION CHAIR : PROF. JALEL BEN OTHMAN, PARIS 13 UNIVERSITY, FRANCE</p> <p># : <a href="#">1570599518</a> (H. ZOO, CNRS, SUPELEC, FRANCE), <a href="#">1570596231</a> (A. ABDELHADI, HOUSTON UNIVERSITY, USA), <a href="#">1570598949</a> (S. ESSAID, UH2, CASABLANCA, MOROCCO)</p>	
	12H45-14H30	<b>LUNCH BREAK</b>	
	14H30-16H30	<p><b>SESSION 1 - ROOM 1</b></p> <p><b><u>ANTENNAS FOR WIRELESS</u></b></p> <p>SESSION CHAIRS : PROF. N. EL AMRANI, PROF S. ESSAID</p> <p># : <a href="#">1570563399</a> (H. RAZZAQ), <a href="#">1570568605</a> (F. MERZAKA), <a href="#">1570569054</a> (A. MESSAI), <a href="#">1570570601</a> (M. ELHABCHI), <a href="#">1570580412</a> (A. ZAIDI), <a href="#">1570569032</a> (Y. EL GHOLB)</p>	<p><b>SESSION 2 - CONFERENCES CENTER</b></p> <p><b><u>SPECTRUM SENSING &amp; LOCALIZATION</u></b></p> <p>SESSION CHAIRS : PROF. F. ABDI, PROF A. KOBANE</p> <p># : <a href="#">1570563324</a> (M. ALHULAYIL), <a href="#">1570563878</a> ( F. ŠTURC), <a href="#">1570571113</a> (L. HACHAD), <a href="#">1570563326</a> (M. ALHULAYIL), <a href="#">1570562178</a> (M. KNITTER), <a href="#">1570563574</a> (F.-Z. EL BAHI)</p>
	16H30-16H45	<b>COFFEE BREAK</b>	
	16H45-18H25	<p><b>SESSION 3 - ROOM 1</b></p> <p><b><u>MACHINE/DEEP LEARNING FOR WIRELESS</u></b></p> <p>SESSION CHAIRS : PROF. I. BERRADA PROF A. EL MALIANI</p> <p># : <a href="#">1570565181</a> (M.-B. ABIDINE), <a href="#">1570569843</a> (S. LAGHMATI), <a href="#">1570572809</a> (Z. ENNAHAL), <a href="#">1570582408</a> (A. MOUSSAID), <a href="#">1570572595</a> (C. OUCHICHA)</p>	<p><b>SESSION 4 - CONFERENCES CENTER</b></p> <p><b><u>SECURITY IN WIRELESS</u></b></p> <p>SESSION CHAIRS : PROF. K. IBRAHIMI, PROF Y. HADDI</p> <p># : <a href="#">1570565117</a> (A. HAJJI SOUALFI), <a href="#">1570563622</a> (S. BELAMFEDEL), <a href="#">1570583880</a> (M.-I. EL HAJJ), <a href="#">1570579512</a> (W. ABBASS), <a href="#">1570582708</a> ( S.-S. DESAI)</p>

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<b>Wednesday October 30, 2019</b>	08H00-09H00	<b>REGISTRATION</b>		
	09H00-10H15	<p><b><u>PLENARY CONFERENCE 2</u> : " SMART ANTENNAS FOR NON STATIONARY SIGNALS"</b></p> <p align="center"><b><u>PROF. ADEL BELOUCHRANI, ECOLE NATIONALE POLYTECHNIQUE, ALGIERS, ALGERIA</u></b></p> <p align="center"><b>KEYNOTECHAIR: PROF. NAJIBA EL AMRANI EL IDRISSE, FST, FEZ, MOROCCO</b></p>		
	10H15-10H45	<b>COFFEE BREAK</b>		
	10H45-12H45	<p><b>SESSION IP 2 (CONFERENCE CENTER) : INVITED PAPERS</b></p> <p align="center"><b>SESSION CHAIR : PROF. LYNDA MOKDAD, UNIVERSITY OF PARIS-EST, CRETEIL, FRANCE</b></p> <p align="center"># : <a href="#">1570596284</a>(I. DARWAZEH, UNIVERSITY COLLEGE LONDON, UK), <a href="#">1570593537</a> (Z. BEN JEMAA, ENIT, TUNISIA), <a href="#">1570597526</a> (T. XU, UNIVERSITY COLLEGE LONDON, UK), <a href="#">1570599605</a> (H. MOUNGLA, UNIVERSITY OF PARIS DESCARTES &amp; INSTITUTE MINES TELECOM, FRANCE)</p>		
	12H45-14H30	<b>LUNCH BREAK</b>		
	14H30-16H10	<p align="center"><b>SESSION 5 - CONFERENCE CENTER</b> <b><u>WIRELESS NETWORK &amp; APPLICATION</u></b></p> <p align="center"><b>SESSION CHAIRS : PROF. I. DARWAZEH, PROF. M. EL KAMILI</b> # : <a href="#">1570571249</a> (I.-E. AGBEHADJI), <a href="#">1570569877</a> (T. CHANYOUR), <a href="#">1570569896</a> (N. AZDAD), <a href="#">1570582048</a> (M. EL AMRANI), <a href="#">1570570698</a> (R. JOUALI)</p>	<p align="center"><b>SPECIAL SESSION 2 - ROOM 1</b> <b><u>ICO2S &amp; CSPSC</u></b></p> <p align="center"><b>SESSION CHAIRS : PROF. M. LAHBY, PROF. A. EL MALLIANI</b> # :<a href="#">1570581323</a> (N. DRIOUI), <a href="#">1570581376</a> (A. MAACH), <a href="#">1570589326</a> (M. JBEN), <a href="#">1570580407</a> (C. LAGHRIDAT), <a href="#">1570588080</a> (C. LEGHRIS)</p>	
	16H10-16H25	<b>COFFEE BREAK</b>		
	16H25-18H05	<p align="center"><b>SPECIAL SESSION 1 - CONFERENCE CENTER</b> <b><u>ICO2S</u></b></p> <p align="center"><b>SESSION CHAIRS : PROF. A. ADAIM, PROF. H. EL MAZOUDI</b> # : <a href="#">1570579433</a> (O. EL ALANI), <a href="#">1570580575</a> (I. EL HASSAK), <a href="#">1570581153</a> (I. ALIHAMIDI), <a href="#">1570581271</a> (M. EL YDRISSE)</p>	<p align="center"><b>SESSION 6 - ROOM 1</b> <b><u>PHYSICAL LAYER &amp; OPTIMIZATION</u></b></p> <p align="center"><b>SESSION CHAIRS : PROF. H. MOUNGLA, PROF. A. ALAMI</b> # : <a href="#">1570578906</a> (O. OULD CHERIF), <a href="#">1570570473</a> ( B. ASSILA), <a href="#">1570569817</a> (O. KASMI), <a href="#">1570579799</a> (M. JARJAR), <a href="#">1570584333</a> (M. FIRDAOUSSE)</p>	
<b>Thursday October 31.</b>	09H00-10H15	<p><b><u>PLENARY CONFERENCE 3</u> : "INTERNET OF THINGS, APPROXIMATE SERVICES AND VIRTUAL SENSING"</b></p> <p align="center"><b><u>PROF. RANGARAO VENKATESHA PRASAD, DELFT UNIVERSITY OF TECHNOLOGY, THE NETHERLANDS</u></b></p> <p align="center"><b>KEYNOTECHAIR: PROF. ABDELLATIF KOBANE, ENSIAS, MOHAMED V UNIVERSITY, MOROCCO</b></p>		

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**SESSION IP 1 CONFERENCES CENTER (TUESDAY OCTOBER 29, 2019)**

**INVITED PAPERS**

**SESSION CHAIR : PROF. JALEL BEN OTHMAN, PARIS 13 UNIVERSITY, FRANCE**

11H15-11H45	<a href="#">1570599518</a>	A NEW APPROACH OF DATA PRE-PROCESSING FOR DATA COMPRESSION IN SMART GRIDS Yifei Sun; <b>Hang Zou</b> ; Samson E Lasaulce; Michel Kieffer; Lucas Saludjian L2S - Univ Paris-Sud - CNRS - CentraleSupélec, France
11H45-12H15	<a href="#">1570596231</a>	AN AUCTION-BASED RESOURCE LEASING MECHANISM FOR UNDER-UTILIZED SPECTRUM Haya Shajaiah; <b>Ahmed Abdelhadi</b> ; Driss Benhaddou; Charles Clancy University of Houston, USA
12H15-12H45	<a href="#">1570598949</a>	KLM-PPSA: KLM-BASED PROFILING AND PREVENTING SECURITY ATTACKS FOR CLOUD ENVIRONMENTS Nahid Eddermoug; Abdeljebar Mansour; Mohamed Sadik; <b>Essaid Sabir</b> ; Mohamed Azmi ENSEM, Hassan II University of Casablanca, Morocco

**SESSION IP 2 CONFERENCES CENTER (WEDNESDAY OCTOBER 30, 2019)**

**INVITED PAPERS**

**SESSION CHAIR : LYNDA MOKDAD, UNIVERSITY OF PARIS-EST, CRETEIL, FRANCE**

10H45-11H15	<a href="#">1570596284</a>	DFT-SPREAD SPECTRALLY EFFICIENT NON-ORTHOGONAL FDMA <b>Izzat Darwazeh</b> ; Tongyang Xu University College London, United Kingdom (Great Britain)
11H15-11H45	<a href="#">1570593537</a>	OPTIMIZATION OF THE RADAR AMBIGUITY FUNCTION-APPLICATION TO CHAOTIC SEQUENCES <b>Zouhair Ben Jemaa</b> ; Sylvie Marcos; Safya Belghith ENIT, Tunisia
11H45-12H15	<a href="#">1570597526</a>	FAST-OFDM TRANSMISSION WITH DUOBINARY 3-PSK MODULATION Izzat Darwazeh; <b>Tongyang Xu</b> ; Liyan Zhu University College London, United Kingdom (Great Britain)
12H15-12H45	<a href="#">1570599605</a>	DEEP LEARNING APPROACHES FOR ELECTRICAL VEHICULAR MOBILITY MANAGEMENT Dridi Aicha; Chérifa Boucetta; <b>Hassine Mounsla</b> ; Hossam Afifi; Houda Labiod University of Paris Descartes & Instiut Mines Telecom, France

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<b>SESSION 1 : ROOM 1 (TUESDAY OCTOBER 29, 2019)</b>		
<b><u>ANTENNAS FOR WIRELESS</u></b>		
<b>SESSION CHAIRS : PROF. N. EL AMRANI, PROF. S. ESSAID</b>		
14H30-14H50	<a href="#">1570563399</a>	DI-PATCH ANTENNA ARRAY COMPARISON HAZIM A A-Abdulsada; Sagar Sharma; <b>Huma Razzaq</b> University Of Kent, United Kingdom (Great Britain)
14H50-15H10	<a href="#">1570568605</a>	A JOINT ANTENNA AND PATH SELECTION FOR MIMO COOPERATIVE COMMUNICATION WITH SINGLE SELECTIVE DECODE AND FORWARD RELAY Mokhtar Bouteggui; <b>Fatiha Merazka</b> LISIC Laboratory. USTHB University, Algeria
15H10-15H30	<a href="#">1570569054</a>	RECONFIGURABLE UWB ANTENNA WITH U-STUB FORM FOR COGNITIVE RADIO APPLICATIONS Boualem Hammache; <b>Abderraouf Messai</b> ; Idris Messaoudene; Tayeb.Denidni University of Constantine 1, Algeria
15H30-15H50	<a href="#">1570570601</a>	A METAMATERIAL ANTENNA BASED NEAR ZERO REFRACTIVE INDEX(NZIM) UNIT-CELL AS A SUPERSTRATE FOR DIRECTIVITY AND GAIN ENHANCEMENT <b>Mourad Elhabchi</b> ; Mohamed Nabil Srifi; Raja Touahni Ibn Tofail University, Morocco
15H50-16H10	<a href="#">1570580412</a>	COMPACT SIZE T-SHAPED PATCH ANTENNA FOR E-BAND APPLICATIONS <b>Abir Zaidi</b> ; Wahaj Abbas Awan; Niamat Hussain; Abdelhakim Ballouk; Abdelmajid Badri; Abdennaceur Baghdad Hassan II University of Casablanca, Morocco
16H10-16H30	<a href="#">1570569032</a>	AN ARRAY OF LEAKY WAVE ANTENNAS FOR INDOOR SMART WIRELESS ACCESS POINT APPLICATIONS <b>Youssef El Gholb</b> ; Alejandro Gil Martinez; Najiba El Amrani El Idrissi; Miguel Poveda García; Jose-Luis Gómez-Tornero Sidi Mohamed Ben Abdellah University, Morocco & Telecommunication Institute, Coimbra University, Portugal
<b>SESSION 3 : ROOM 1 (TUESDAY OCTOBER 29, 2019)</b>		
<b><u>MACHINE/DEEP LEARNING FOR WIRELESS</u></b>		
<b>SESSION CHAIRS : PROF. I. BERRADA PROF. A. EL MALIANI</b>		
16H45-17H05	<a href="#">1570565181</a>	ACTIVITY RECOGNITION FROM SMARTPHONES USING HYBRID CLASSIFIER PCA-SVM-HMM <b>M'Hamed Bilal Abidine</b> ; Belkacem Fergani; Ihssene Menhour University of Science and Technology Houari Boumedienne (USTHB), Algeria
17H05-17H25	<a href="#">1570569843</a>	MACHINE LEARNING BASED SYSTEM FOR PREDICTION OF BREAST CANCER SEVERITY <b>Sara Laghmati</b> ; Amal Tmiri; Bouchaib Cherradi Chouaib Doukkali University, Morocco
17H25-17H45	<a href="#">1570572809</a>	REAL TIME TRAFFIC LIGHT DETECTION AND CLASSIFICATION USING DEEP LEARNING <b>Zakaria Ennahhal</b> ; Ismail Berrada; Khalid Fardousse Sidi Mohamed Ben Abdellah University, Morocco
17H45-18H05	<a href="#">1570582408</a>	PREDICTING DRIVER LANE CHANGE MANEUVERS USING DRIVER'S FACE <b>Abdelatif Moussaid</b> ; Ismail Berrada; Mohamed El Kamili; Khalid Fardousse Sidi Mohamed Ben Abdellah University, Morocco
18H05-18H25	<a href="#">1570572595</a>	UNSUPERVISED BRAIN TUMOR SEGMENTATION FROM MAGNETIC RESONANCE IMAGES <b>Chaimae Ouchicha</b> ; Mohammed Meknassi; Ouafae Ammor Faculty of Sciences and Technologies of Fez, Morocco

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<b>SESSION 2 : CONFERENCES CENTER (TUESDAY OCTOBER 29, 2019)</b>		
<b>SPECTRUM SENSING &amp; LOCALIZATION</b>		
<b>SESSION CHAIRS : PROF. F. ABDI, PROF. A. KOBABANE</b>		
14H30-14H50	<a href="#"><u>1570563324</u></a>	<p>STATIC CONTENTION WINDOW METHOD FOR IMPROVED LTE-LAA/WI-FI COEXISTENCE IN UNLICENSED BANDS</p> <p><b>Moawiah Alhulayil</b>; Miguel López-Benítez University of Liverpool, United Kingdom (Great Britain)</p>
14H50-15H10	<a href="#"><u>1570563878</u></a>	<p>HIGH PERFORMANCE SDR FOR MONITORING SYSTEM FOR GNSS JAMMING LOCALIZATION</p> <p><b>Filip Štunc</b>; Tomáš Morong; Pavel Kovar; Pavel Puričér Czech Technical University, Czech Republic</p>
15H10-15H30	<a href="#"><u>1570571113</u></a>	<p>A TIME FREQUENCY TENSOR FRAMEWORK FOR DOA ESTIMATION: APPLICATION TO MIMO SYSTEMS</p> <p><b>Lamiaie Hachad</b>; Fatiha Mrabti; Hicham Ghennioui LSSC, FST, Sidi Mohamed Ben Abdellah University</p>
15H30-15H50	<a href="#"><u>1570563326</u></a>	<p>METHODS FOR THE ALLOCATION OF ALMOST BLANK SUBFRAMES WITH FIXED DUTY CYCLE FOR IMPROVED LTE-U/WI-FI COEXISTENCE</p> <p><b>Moawiah Alhulayil</b>; Miguel López-Benítez University of Liverpool, United Kingdom (Great Britain)</p>
15H50-16H10	<a href="#"><u>1570562178</u></a>	<p>SPATIAL EFFICIENCY METRIC FOR WIRELESS NETWORKS BASED ON CHANNEL RESOURCE USAGE</p> <p><b>Michael Knitter</b>; Armin Wulf University of Dortmund, Germany</p>
16H10-16H30	<a href="#"><u>1570563574</u></a>	<p>INDOOR SPECTRUM OCCUPANCY IN MOROCCO FOR COGNITIVE RADIO APPLICATIONS: MEASUREMENTS AND ANALYSIS</p> <p><b>Fatima Zahra El Bahi</b>; Hicham Ghennioui; Mohcine Zouak LSSC, FST, Sidi Mohamed Ben Abdellah University</p>
<b>SESSION 4: CONFERENCE CENTER (TUESDAY OCTOBER 29, 2019)</b>		
<b>SECURITY IN WIRELESS</b>		
<b>SESSION CHAIRS : PROF. K. IBRAHIMI, PROF. Y. HADDI</b>		
16H45-17H05	<a href="#"><u>1570565117</u></a>	<p>PERFORMANCE ANALYSIS OF OLSR PROTOCOL UNDER MPR ATTACK IN PROGRESSIVE SIZE GRID MANET</p> <p><b>Hajji Soualfi Abderrahim</b>; Agoujil Said; Qaraai Youssef FST Errachidia, Morocco</p>
17H05-17H25	<a href="#"><u>1570563622</u></a>	<p>MODELLING, ANALYSIS AND DESIGN OF ACTIVE QUEUE MANAGEMENT FOR ISOLATION OF DENIAL OF SERVICE ATTACK IN WIRED/WIRELESS NETWORK</p> <p><b>Sadek Belamfedel Alaoui</b>; El Houssaine Tissir; Noredine Chaibi FSDM, Sidi Mohamed Ben Abdellah University, Morocco</p>
17H25-17H45	<a href="#"><u>1570583880</u></a>	<p>ETHEREUM FOR SECURE AUTHENTICATION OF IOT USING PRE-SHARED KEYS (PSKS)</p> <p><b>Mohammed Ibrahim El-hajj</b>; Ahmad Fadlallah; Maroun Chamoun; Ahmed Serhrouchni USAL Beirut, Lebanon</p>
17H45-18H05	<a href="#"><u>1570579512</u></a>	<p>ARCHIMATE BASED SECURITY RISK ASSESSMENT AS A SERVICE: PREVENTING AND RESPONDING TO THE CLOUD OF THINGS' RISKS</p> <p><b>Wissam Abbass</b>; Amine Baina; Bellafkih Mostafa INPT, Morocco</p>
18H05-18H25	<a href="#"><u>1570582708</u></a>	<p>TRUST BASED SECURITY IN BATTLEFIELD-OF-THINGS</p> <p>Manisha Jitendra Nene; <b>S Sundeep Desai</b> Defence Institute of Advanced Technology, India</p>

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<b>SESSION 5 : CONFERENCE CENTER (WEDNESDAY OCTOBER 30, 2019)</b>		
<b><u>WIRELESS NETWORK &amp; APPLICATION</u></b>		
<b>SESSION CHAIRS : PROF. I. DARWAZEH, PROF. M. EL KAMILI</b>		
14H30-14H50	<a href="#"><u>1570571249</u></a>	BIO-INSPIRED ENERGY EFFICIENT CLUSTERING APPROACH FOR WIRELESS SENSOR NETWORKS <b>Israel Edem Agbehadji</b> ; Richard C Millham; Jason J. Jung; Khac-Hoai Nam Bui; Simon Fong; Abayomi Abdultaofeek; Samuel O Frimpong Durban University of Technology, South Africa
14H50-15H10	<a href="#"><u>1570569877</u></a>	MULTI-POLICY AWARE OFFLOADING WITH PER-TASK DELAY FOR MOBILE EDGE COMPUTING NETWORKS <b>Tarik Chanyour</b> ; Youssef Hmimz; Mohamed El Ghmary; Mohammed Ouçamah Cherkaoui Malki FSDM, Sidi Mohamed Ben Abdellah University, Morocco
15H10-15H30	<a href="#"><u>1570569896</u></a>	PERFORMANCE ANALYSIS OF THE BEACON-ENABLED OPERATION OF IEEE 802.15.4 UNDER WBANS <b>Nabila Azdad</b> ; Mohamed Elboukhari MATSI Laboratory, ESTO, Mohammed First University, Morocco
15H30-15H50	<a href="#"><u>1570582048</u></a>	MOBILE APPLICATIONS: A BAYESIAN GAME APPROACH TO OPTIMIZE TRANSMISSION STRATEGIES <b>Mohamed El Amrani</b> ; Hamid Garmani; Driss Ait Omar; Baslam Mohamed; Brahim Minaoui Sultan Moulay Slimane University, Morocco
15H50-16H10	<a href="#"><u>1570570698</u></a>	A NEW DESIGN OF RFID TAG FOR VEHICLES LOCALISATION APPLICATIONS <b>Redouane Jouali</b> ; Mohssin Aoutoul; Hassan Ouahmane; Youssef Errami; Abdellatif Obbadi; Abderrahim Haddad; Fadwa El Moukhtafi; Anas Had LTI Lab., ENSA, Chouaib Doukkali University, Morocco
<b>SPECIAL SESSION 1 : CONFERENCE CENTER (WEDNESDAY OCTOBER 30, 2019)</b>		
<b><u>ICO2S</u></b>		
<b>SESSION CHAIRS : PROF A. ADAIM, PROF H. EL MAZOUDI</b>		
16H25-16H45	<a href="#"><u>1570579433</u></a>	SHORT TERM SOLAR IRRADIANCE FORECASTING USING ARTIFICIAL NEURAL NETWORK FOR A SEMI-ARID CLIMATE IN MOROCCO <b>Omaima El Alani</b> ; Hicham Ghennioui LSSC, FST, Sidi Mohamed Ben Abdellah University & IRESEN, Morocco
16H45-17H05	<a href="#"><u>1570580575</u></a>	PROPOSED SOLUTIONS FOR SMART TRAFFIC LIGHTS USING MACHINE LEARNING AND INTERNET OF THING Adnane Addaim; <b>Imad El Hassak</b> ENSA, Ibn Tofail University, Morocco
17H05-17H25	<a href="#"><u>1570581153</u></a>	PROPOSED ARCHITECTURE OF E-HEALTH IOT <b>Imam Alihamidi</b> ; Abdessalam Ait Madi; Adnane Addaim Ibn Tofail University, Morocco
17H25-17H45	<a href="#"><u>1570581271</u></a>	AN OPTICAL QUALIFICATION TECHNIQUE FOR SOLAR PARABOLIC TROUGH CONCENTRATORS USING THE DISTANT OBSERVER METHOD AND IMAGE PROCESSING ALGORITHMS <b>Massaab El Ydrissi</b> ; Hicham Ghennioui; Farid Abdi; El Ghali Bennouna LSSC, FST, Sidi Mohamed Ben Abdellah University & IRESEN, Morocco

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**SPECIAL SESSION 2 : ROOM 1 (WEDNESDAY OCTOBER 30, 2019)**

**ICO2S & CSPSC**

**SESSION CHAIRS : PROF. M. LAHBY, PROF. A. EL MALLIANI**

14H30-14H50	<a href="#">1570581323</a>	NEURAL NETWORK ADAPTIVE CONTROL OF DISSOLVED OXYGEN FOR AN ACTIVATED SLUDGE PROCESS <b><u>Drioui Nissrine</u></b> ; El alami Jamila; El mazoudi El houssine EMI, University Mohamed V, Morocco
14H50-15H10	<a href="#">1570581376</a>	A FOG-DRIVEN IOT E-HEALTH FRAMEWORK TO MONITOR AND CONTROL ASTHMA EXACERBATION <b><u>Anas Maach</u></b> ; El alami Jamila; El mazoudi El houssine Mohammed V University, Morocco
15H10-15H30	<a href="#">1570589326</a>	FUSION OF CONVOLUTIONAL NEURAL NETWORK AND STATISTICAL FEATURES FOR TEXTURE CLASSIFICATION <b><u>Mourad Jbene</u></b> ; Ahmed El Maliani drissi; Mohammed El Hassouni Faculty of Sciences Mohammed V University, Morocco
15H30-15H50	<a href="#">1570580407</a>	ANALYZING FRIENDSHIP'S SOCIAL NETWORKS USING THE TOPOLOGICAL INDICES <b><u>Charifa Laghridat</u></b> ; Ilham Mounir; Mohamed Essalih The Safi's Graduate School of Technology, Cadi Ayyad University, Morocco
15H50-16H10	<a href="#">1570588080</a>	IMPROVED SECURITY INTRUSION DETECTION USING INTELLIGENT TECHNIQUES <b><u>Cherkaoui Leghris</u></b> ; Ghita Lotfi Hassan II University of Casablanca & FST Mohammedia, Morocco

**SESSION 6 : ROOM 1 (WEDNESDAY OCTOBER 30, 2019)**

**PHYSICAL LAYER & OPTIMIZATION**

**SESSION CHAIRS : PROF. H. MOUNGLA, PROF. A. ALAMI**

16H25-16H45	<a href="#">1570578906</a>	MODEL TO IMPROVE THE FORECAST OF THE CONTENT CACHING BASED TIME-SERIES ANALYSIS AT THE SMALL BASE STATION Khalil Ibrahim; <b><u>Ouafa Ould Cherif</u></b> ; Mohammed El Koutbi; Imane Rouam ENSIAS, Mohammed V University, Morocco
16H45-17H05	<a href="#">1570570473</a>	IMPROVING LATENCY AND BANDWIDTH FOR INTELLIGENT TRANSPORT SERVICES EXPLOITING CACHING TECHNOLOGY <b><u>Bouchaib Assila</u></b> , Abdellatif Kobbane ENSIAS, Mohammed V University, Morocco
17H05-17H25	<a href="#">1570569817</a>	TOWARD A DYNAMIC QOS MANAGEMENT OVER LTE/EPC NETWORK USING ANFIS <b><u>Ouafae Kasmi</u></b> ; Amine Baina; Mostafa Bellafkih National Institute of Posts and Telecommunications, Morocco
17H25-17H45	<a href="#">1570579799</a>	THREE BRANCH MICROWAVE CHANNELIZED ACTIVE BANDPASS FILTER <b><u>Mariam Jarjar</u></b> ; El ouazzani Nabih LSSC, FST, Sidi Mohamed Ben Abdellah University, Morocco
17H45-18H05	<a href="#">1570584333</a>	NEW PAPR REDUCTION TECHNIQUE COMBINING THE TONE RESERVATION BASED ON PCG ALGORITHM WITH CLIPPING Hicham Ghennioui; Hajar Abdelali; Mohamed El Kamili; <b><u>Mohamed Firdaoussi</u></b> FSDM, Sidi Mohamed Ben Abdellah University, Morocco