

## DETAILED PROGRAM

Sunday October 29 <sup>th</sup> , 2017	University Conference Room
<b>8:30-9:30</b>	<b>Opening Ceremony</b>
<b>Keynote 1 9:30-10:30</b>	<b>Session Chairs: Prof. K. Hariche and Dr. A. Dahimene</b>
	<b>Competitiveness and Economic Advancement Professor Kamal Youcef-Toumi, MIT, USA</b>
<b>10:30-10:45</b>	<b>Coffee Break</b>
<b>Keynote 2 10:45-11:45</b>	<b>Session Chairs: Prof. Hamid Bentarzi and Dr. M. Challal</b>
	<b>Autonomous Self-Powered and Self-Calibrated Microsystems for IoT Professor Amine BERMAK, QATAR</b>
<b>11:45-13:00</b>	<b>LUNCH BREAK</b>

Date October 29 <sup>th</sup> , 2017	Room 1
<b>Track: Telecommunication Engineering Session: Antennas/Wave propagation 1</b>	<b>Session Chair: Dr. H. Kimouche and Dr. S. Hebib</b>
<b>13:00-13:15</b>	<b>ID 338:</b> Gain Improvement of CPW-Fed Monopole Antenna over Dual-Band AMC Structure. FAIZA MOUHOUCHE, Arab AZRAR, KAHINA DJAFRI, MOKRANE DEHMAS
<b>13:15-13:30</b>	<b>ID 92:</b> Improving the resolution performance of Min-Norm and Root-Min-Norm algorithms for adaptive array antenna AOUNALLAH Naceur
<b>13:30-13:45</b>	<b>ID 196:</b> Compact UWB Monopole Antenna with WiMAX/ITU Band Notch Characteristics GUICHI FELLA, Mouloud CHALLAL
<b>13:45-14:00</b>	<b>ID 221:</b> CAD Cavity Model Analysis of High Tc Superconducting Rectangular Patch Printed on Anisotropic Substrates Ahmed Mhamdi, Sami BEDRA, Randa Bedra, Siham Benkouda
<b>14:00-14:15</b>	<b>ID 285:</b> High Performance 94GHz Holes-backed Integrated Antennas Fed by Inset Tapered Microstrip Line Adel Saad Emhammed
<b>14:15-14:30</b>	<b>ID 423:</b> Emulation of metamaterial waveguide khedidja BOURAS, Abdelhadi LABIAD, Saleh CHAKER, Mouloud BOUZOUAD
<b>14:30-14:45</b>	<b>Coffee Break</b>
<b>Track: Telecommunication Engineering Session: Image and speech processing 2</b>	<b>Session Chair: Dr. A. Dahimene and Dr. L. Sadouki</b>
<b>14:45-15:00</b>	<b>ID 160:</b> Unsupervised Change Detection from Multitemporal SAR Images based on a Detail Preserving approach and a Robust Threshold Estimation CHABIRA Boulerbah, SKANDERI Takieddine, BELHADJ AISSA Aichouche
<b>15:00-15:15</b>	<b>ID 168:</b> Blind Speech Enhancement and Acoustic Noise Reduction by SFTF Adaptive Algorithm Rahima HENNI, Mustapha DIEBARI, Mohamed Djendi
<b>15:15-15:30</b>	<b>ID 169:</b> A Two-Channel Fast NLMS Algorithm for Speech Enhancement and Acoustic Noise Reduction Akila SAYOUD, Mohamed Djendi, Abderezak Guessoum
<b>15:30-15:45</b>	<b>ID 213:</b> An Improved Approach for LSB-Based Image Steganography using AES Algorithm Sofyane Ladgham Chikouche, Noureddine Chikouche
<b>15:45-16:00</b>	<b>ID 248:</b> Speech Compressive Sensing with $\ell_1$ -minimization and Iteratively Reweighted Least Squares- $\ell_p$ -minimization: A comparative Study Wafa Derouaz, Thouraya Merazi-Meksen
<b>16:00-16:15</b>	<b>ID 305:</b> A New Speaker Verification Algorithm Based on Identification Results Billal KHETTAOUI, Abdelhakim DAHIMENE

Date October 29 <sup>th</sup> , 2017	Room 2
<b>Track: Control systems Engineering Session :Fault Detection and Diagnosis 1</b>	<b>Session Chair: prof. M. Becherif and Prof. A. Maida</b>
<b>13:00-13:15</b>	<b>ID 70:</b> Diagnostic and Fault Tolerant Control by Adaptive Observer of Doubly-Fed Induction Generators with Inter-Turn Rotor and Stator Fault based Wind Turbine Noureddine BOUMALHA, R. Hachelef, D. Kouchih, M. Tadjine, M.S. Boucherit
<b>13:15-13:30</b>	<b>ID 84:</b> $H_\infty$ Fault Estimation for Nonlinear Discrete Time-delay System with Actuator and Sensor Faults using Nonlinear T-S Fuzzy models CHERIDI djamel eddine, MANSOURI Noura
<b>13:30-13:45</b>	<b>ID 85:</b> Static Eccentricity Fault Detection of Induction Motors using MVSA, MCSA and Discrete Wavelet Transform (DWT) Noureddine BESSOUS, Salah Eddine ZOUZOU, Salim SBAA, Wafa BENTRAH, Zoubir BECER, Riadh AJGOU
<b>13:45-14:00</b>	<b>ID 233:</b> Fault Detection Using Constant False Alarms Rate

	Mustapha AMMICHE, Abdelmalek Kouadri
14:00-14:15	<b>ID 283:</b> Fault detection in timed Petri net partially observed AHMED SAADI hadjira, BOUKALA Mohand Cherif
14:15-14:30	<b>ID 550:</b> Use of Neuro-Fuzzy Technique in Diagnosis of Rotor Faults of Cage Induction Motor laribi souad, BENDIABDALLAH Azzedine, MIHOUB Youcef, MERADI Samir, BOUKEZATA Boualem
14:30-14:45	<b>Coffee Break</b>
<b>Track: Control systems Engineering Session: Intelligent Control Systems 1</b>	<b>Session Chair: Dr. A. Ouadi and Dr. R. Medjoudj</b>
14:45-15:00	<b>ID 40:</b> Supervision and Fuzzy Control of a Manufacturing Process using LabVIEW Hanane Zermane, Hayet Mouss, Tarek Oulmi, Salim Hemal
15:00-15:15	<b>ID 51:</b> Wind turbine performance enhancement by control of pitch angle using PID controller and particle swarm optimization Zahra Billel, H.Salhi, A.Mellit
15:15-15:30	<b>ID 269:</b> ARM Based Implementation of SOGI-FLL Method for Power Calculation in Single-Phase Power System Abdelhammid KHERBACHI, Ahmed BNEDIB, Aissa CHOUDER, KAMEL KARA
15:30-15:45	<b>ID 296:</b> Suitable Power Control based on Type-2 Fuzzy Logic for Wind-Turbine DFIG Under Hypo-Synchronous Mode Fed by Multi-Level Converter Fayssal AMRANE, Azeddine CHAIBA, Bruno FRANCOIS
15:45-16:00	<b>ID 349:</b> An Improved Genetic Algorithm For The Design of a Fuzzy Supervisory Controller for a PH Neutralization Process Bendib riad, N.BATOUT ,Y.ZENNIR
16:00-16:15	<b>ID 372:</b> Design of Gray Wolf Optimizer for Improving Photovoltaic–Hydrogen Hybrid System Issam Benouareth, Abadlia Issam , Bouzeria Hamza

<b>Date October 29<sup>th</sup>, 2015</b>	<b>Room 3</b>
<b>Track: Power engineering Session : Power Systems 1</b>	<b>Session Chair: Prof. H. Bentarzi and Dr. F. Z. Dekhandji</b>
13:00-13:15	<b>ID 62:</b> A New Hybrid Heuristic Algorithm for the Nonconvex Economic Dispatch Problem Samir SAYAH, Abdellatif HAMOUDA
13:15-13:30	<b>ID 187:</b> Impact of STATCOM on Generator Positive-Offset mho element Loss of Excitation Protection AYACHE MATI, Hamid BENTARZI
13:30-13:45	<b>ID 204:</b> Integral Sliding Mode Control of Four-Leg DSTATCOM Coupled with SMES Unit BOUAFIA SABER, BENAÏSSA Abdelkader , Said BARKAT, BOUZIDI Mansour
13:45-14:00	<b>ID 222:</b> Energy Management in a Fuel Cell Hybrid Electric Vehicle Using a Fuzzy Logic Approach Sabah SAIB, Zahir HAMOUDA, MAROUANI Khoudir
14:00-14:15	<b>ID 251:</b> Voltage stability assessment using the V-Q Sensitivity and Modal analyses methods Mohammed Adel DJARI, Lahouaria Benasla, Walid Rahmouni
14:15-14:30	<b>ID 255:</b> Transient stability analysis of the IEEE 39-Bus power system using Gear and Block methods Walid Rahmouni, Lahouaria Benasla
14:30-14:45	<b>Coffee Break</b>
<b>Track: Power engineering Session: Power electronics 1</b>	<b>Session Chair: Prof. H. Bentarzi and Dr. F. Z. Dekhandji</b>
14:45-15:00	<b>ID 19:</b> Characterization and Modeling of Carbide Silicon Schottky Diode with Temperature Effect Messaadi Lotfi
15:00-15:15	<b>ID 73:</b> Study of Electromagnetic Radiation of Integrated Planar Inductors Zana KARI
15:15-15:30	<b>ID 75:</b> Shielding of integrated coils Zana KARI
15:30-15:45	<b>ID 167:</b> On-Chip Spiral Transformer for Wireless Telecommunication Applications Mokhtaria Derkaoui, Abdelkader TEMMAR, Azzedine HAMID, Thierry LEBEY
15:45-16:00	<b>ID 163:</b> Maximum Constant Boost Control of 9-Switch Z-Source Power Inverter-Based Electric Vehicles Mohamed Zine Zizoui, Bekheira Tabbache, Fayssal Belkhiri, Benbouzid Mohamed
16:00-16:15	<b>ID 303:</b> Design and Implementation of Three-Level Inverter for Grid-tied PV Systems AYACHI AMOR Yacine, Nouredine AYACHI AMOR , KHELDOUN Aissa, Brahim Metidji

Date October 29 <sup>th</sup> , 2017	Room 4
<b>Track: Power engineering Session : Renewable energies 1</b>	<b>Session Chair: Prof. A. Mellit and Dr. B. Metidji</b>
13:00-13:15	<b>ID 57:</b> Sliding Mode Control of a Grid-Connected Photovoltaic Source via a Three-Phase Inverter using Incremental Conductance MPPT Sid-Ahmed Touil, Nasseridine Boudjerda, Ahsene Boubakir, Aimad Boudouda
13:15-13:30	<b>ID 76:</b> Control Of Six-Phase Symmetrical Induction Generator In Wind Energy Conversion Systems DJAHBAR Abdelkader, BOUNADJA El Hadj
13:30-13:45	<b>ID 78:</b> Performance analysis of a grid connected photovoltaic station in the region of Adrar Abderrezzaq ziane, Ammar Neçaibia, Rachid Dabou, Mohammed Djamel Draou, Mohamed Mostefaoui , Nordine Sahouane
13:45-14:00	<b>ID 101:</b> Comparison of numerical algorithms of a single and two diodes models using three PV modules Technologies Kelthom Hammaoui, Messaoud Hamouda, Bouchra Benabdelkrim
14:00-14:15	<b>ID 107:</b> Intelligent Maximum Power Tracking Control of PMSG Wind Energy Conversion System ASRI Aicha, MIHOUB Youcef, HASSAINE Said, Tayeb ALLAOUI
14:15-14:30	<b>ID 207:</b> Potential-Induced Degradation test on CIGS photovoltaic modules Sofiane Boulhidja, Adel Mellit, Sebastian Voswinckel
14:30-14:45	<b>Coffee Break</b>
<b>Track: Power engineering Session: Renewable energies 2</b>	<b>Session Chair: Prof. A. Mellit and Dr. B. Metidji</b>
14:45-15:00	<b>ID 119:</b> Single diode model used to simulate organic solar cells Ourida OURAHMOUN
15:00-15:15	<b>ID 141:</b> A GSO -based maximum power point tracking algorithm for photovoltaic systems A. Kheldoun, DJERIOU Salim
15:15-15:30	<b>ID 146:</b> Hybrid petri network sliding mode control of wind turbine for maximum power point tracking Aghiles Ardjal, Bettayeb Maamar, Rachid Mansouri
15:30-15:45	<b>ID 148:</b> Nonlinear synergetic control of wind turbine for maximum power point tracking Aghiles Ardjal, Bettayeb Maamar, Rachid Mansouri
15:45-16:00	<b>ID 149:</b> Fuzzy Logic Approach Based MPPT For The Dynamic Performance Improvement For PV Systems N Aouchiche, Mohamed BECHERIF, M. S. Ait Cheikh, M. Becherif, M. A. Ebrahim, A. Hadjarab
16:00-16:15	<b>ID 150:</b> Optical optimization of organic solar cells based on P3HT: PCBM interpenetrating blend zakaria ABADA, Adel Mellit

Date October 29 <sup>th</sup> , 2017	Room 5
<b>Track: Track: Computer systems and applications Session : Embedded and FPGA-based Systems</b>	<b>Session Chair: Prof. A. Khouas and Dr. A. Maache</b>
13:00-13:15	<b>ID 93:</b> Network-based Priority Buffer Valery Sklyarov, Iouliia Skliarova
13:15-13:30	<b>ID 177:</b> Persistent Fault Injection Attack, from white-box to black-box Abdelhak Mesbah, Jean-louis Lanet, Mohamed Mezghiche
13:30-13:45	<b>ID 179:</b> Exploration of High-Performance Ports in Zynq-7000 Devices with Different Traffic Conditions Valery Sklyarov, Iouliia Skliarova
13:45-14:00	<b>ID 438:</b> A VHDL Implementation of NLMS and RLS Adaptive Algorithms for Acoustic Echo Cancellation Mohamed Djendi, Messini Merouane, Abderrezak Guessoum
14:00-14:15	<b>ID 488:</b> FPGA-based System For Heart Rate Calculation based on PPG Signal Karim MEDDAH, Malika KEDIR-TALHA, Hadjer ZAIRI
14:15-14:30	<b>ID 521:</b> A Flexible Network on-Chip Router for Data-Flow Monitoring Amine MEGHABBER, Abdelkader Aroui, Lakhdar Loukil, Abou El Hassan Benyamina, Kamel Benhaoua, Toufik Djeradi
14:30-14:45	<b>Coffee Break</b>
<b>Track: Control systems engineering Session: Control and Robotics 1</b>	<b>Session Chair: Prof. S. Badjou and Dr. H. Belaidi</b>

14:45-15:00	<b>ID 36:</b> Extended State Observer Based Control of Attitude Stabilization for Flexible Spacecraft with SLOSH Disturbances Jalal Eddine Benmansour, M. A. Si Mohammed, A. Bellar
15:00-15:15	<b>ID 79:</b> Fuzzy Logic Iterative Learning Control for Trajectory Tracking of Parallel Kinematic Manipulators Chemseddine Boudjedir, Djamel Boukhetala, Mohamed Bouri,
15:15-15:30	<b>ID 125:</b> Boundary feedback control design for a linear parabolic equation based on the equivalent distributed control model Dyhia HAMDADOU, Ahmed MAIDI, Jean-Pierre CORRIOU
15:30-15:45	<b>ID 131:</b> Mobile robot RBPF-SLAM with LMS sensor in indoor environments: Application on RobuTER robot Abdelfetah Hentout, Abdelkader Beghni, Abdelkader Benahmed Nourine, Abderraouf Maoudj, Brahim Bouzouia
15:45-16:00	<b>ID 227:</b> Sliding Mode Control of a 5 DoFs Upper Limb Exoskeleton Robot Ratiba FELLAG, Takieddine Benyahia, Mustapha Drias, Mohamed Guiatni, Mustapha HAMERLAIN
16:00-16:15	<b>ID 257:</b> A Distance Weighted-based Approach for Self-Organized Aggregation in Robot Swarms Belkacem Khaldi, Fouzi Harrou, Foudil Cherif, Ying Sun

Date October 29 <sup>th</sup> , 2017	Room 6
<b>Track: Telecommunication engineering Session : Image and Speech processing 1</b>	<b>Session Chair: Dr. A. Dahimene and Dr. L. Sadouki</b>
13:00-13:15	<b>ID 21:</b> A Low Complexity Joint Semi-Blind Estimation of CFO and Channel for OFDM Systems Masmoudi Ramadhan, DJEBBAR Ahmed BOUZIDI, Dayoub Iyad
13:15-13:30	<b>ID 24:</b> An Improved Skew Angle Detection and Correction Technique for Historical Scanned Documents Using Morphological Skeleton and Progressive Probabilistic Hough Transform Omar Boudraa, Walid Khaled Hidouci, Dominique Michelucci
13:30-13:45	<b>ID 25:</b> Phonetisaurus-based Letter-To-Sound Transcription For Standard Arabic CHERIFI EL-Hadi, Mhania GUERTI
13:45-14:00	<b>ID 35:</b> New symmetric subband forward algorithm based on simple variable step-sizes for speech enhancement Redha BENDOUMIA, Mohamed Djendi, Abderrezak Guessoum
14:00-14:15	<b>ID 110:</b> Satellite Image Denoising via Adjustment of the Quaternionic Wavelet Coefficients Mohammed kadiri, EHLEM ZIGH, Mohamed Djebbouri
14:15-14:30	<b>ID 113:</b> Development of New Robust Techniques of watermarking for the security of digital images ahmed attallaoui*, Laboratory scientific instrumentation LIS, Department of Electronics, Faculty of Technology, University Ferhat Abbas of Setif 1
14:30-14:45	<b>Coffee Break</b>
<b>Track: Telecommunication engineering Session: Pattern recognition 1</b>	<b>Session Chair: Prof. A. Guessoum and Prof. A. Kacha</b>
14:45-15:00	<b>ID 105:</b> Cross-Correlation Coefficient as a Means for Estimating the Effect of MVC level According to the Fibres Inclination MESSAOUDI NOUREDDINE, BEKKA Raïs El'hadi BEKKA, BELKACEM Samia
15:00-15:15	<b>ID 120:</b> Multimodal Biometric Identification System based on the Face and Iris AMMOUR Basma, BOUDEN Toufik, AMIRA-BIAD Souad
15:15-15:30	<b>ID 135:</b> Co-training approach for improving age range prediction from handwritten text Fatima Zouaoui, Nesrine Bouadjenek, Hassiba Nemmour, Youcef Chibani
15:30-15:45	<b>ID 190:</b> Off-line Handwritten Signature Identification using Histogram Of Templates and Artificial Immune Recognition System Ferial BOUDAMOUS, Hassiba Nemmour, Yasmine Serdouk, Youcef Chibani
15:45-16:00	<b>ID 277:</b> Sliding Mode Control of a 5 DoFs Upper Limb Exoskeleton Robot Ratiba FELLAG, Takieddine Benyahia, Mustapha Drias, Mohamed Guiatni, Mustapha HAMERLAIN
16:00-16:15	<b>ID 336:</b> Offline Signature Identification using the Histogram of Symbolic Representation Mohamed Anis Djoudjai, Youcef Chibani, Nassim Abbas

<b>Monday October, 30<sup>th</sup> 2017</b>	<b>IGEE conference Room</b>
<b>Keynote 3</b>	<b>Chairs: Prof. A. Azrar and Dr. M. Challal</b>
<b>8:30-9:30</b>	<b>Reconfigurable Antennas for 5G Wireless Communication Systems: Vision and Challenge</b> <b>Professor: Tayeb A. DENIDNI, CANADA</b>
<b>Keynote 4</b>	<b>Chairs: Dr. A. Ouadi and Dr. R. Namane</b>
<b>9:30-10:30</b>	<b>Phasor Measurement Unit and its Applications in a Smart Power Grid</b> <b>Professor : Hamid BENTARZI, Algeria</b>
<b>10:30-10:45</b>	<b>Coffee Break</b>
<b>10:45-11:15</b>	<b>Poster Session I</b> <b>Chairs: Prof. H. Bentarzi, Dr. A. Ouadi and prof. A. Khouas</b> 2, 106, 380, 405,564, 3, 14, 34, 41, 43, 45, 137, 158, 244, 319, 331, 356, 558, 225, 5, 6, 252, 373, 519, 566,89, 144, 332, 382, 510, 524, 115, 465,260
<b>11:15-13:00</b>	<b>Lunch</b>

<b>Date October 30<sup>th</sup>, 2017</b>	<b>Room 1</b>
<b>Track: Telecommunication Engineering</b> <b>Session: Antennas/Wave propagation 2</b>	<b>Session Chair: Prof. T. A. Denidni and Dr. S. Hebib</b>
<b>13:00-13:15</b>	<b>ID 355:</b> A Novel Algorithm Using Spatial Sampling and Bootstrap to Estimate Closed Space DOA for Few Samples Irid Sidi Mohamed Hadj, Samir kameche
<b>13:15-13:30</b>	<b>ID 360:</b> Design and Implementation of a Miniaturized CPW-Fed Microstrip Antenna for Triple-Band Applications Fouad FERTAS, Mouloud CHALLAL, Khelil FERTAS
<b>13:30-13:45</b>	<b>ID 447:</b> Design and Analysis of a Microstrip Patch Antenna for Medical Applications Wahiba Grabssi ,Sarah IZZA, Arab AZRAR
<b>13:45-14:00</b>	<b>ID 469:</b> Compact Dual-Band Reject UWB Monopole Antenna using EBG Structures FAIZA MOUHOUCHE, Arab AZRAR, MOKRANE DEHMAS, KAHINA DJAFRI
<b>14:00-14:15</b>	<b>ID 471:</b> A Novel Miniaturized Dual-band Microstrip Antenna for WiFi/WiMAX Applications KAHINA DJAFRI, Mouloud CHALLAL, Rabia aksas, MOKRANE DEHMAS, Faiza mouhouche, Romeu jordi
<b>14:15-14:30</b>	<b>ID 498:</b> Analysis of a Printed X-Shaped Monopole Antenna A. A. HAMZA, Mokrane DEHMAS, I. BENMAHDJOU, Arab AZRAR, Mouloud CHALLAL,; Kahina DJAFRI, Faiza MOUHOUCHE
<b>14:30-14:45</b>	<b>Coffee Break</b>
<b>Track: Telecommunication Engineering</b> <b>Session: Image and speech processing 3</b>	<b>Session Chair: Dr. A. Dahimene and Dr. L. Sadouki</b>
<b>14:45-15:00</b>	<b>ID 347:</b> A New Correlated Set-Membership Partial-Update NLMS (SM-PU-NLMScor) Algorithm for Acoustic Noise Reduction Abdelhak Cheffi, Mohamed Djendi, Abderrezak Guessoum
<b>15:00-15:15</b>	<b>ID 358:</b> Extraction the Prosodic and MFCCs parameters for the Speech Emotions Recognition of Joy and Sadness Horkous Houari, Guerti Mhania
<b>15:15-15:30</b>	<b>ID 127:</b> Multi-condition Gaussian Probabilistic Linear Discriminate Analysis in Automatic Speaker Recognition Mourad DJELLAB, Abderrahmane AMROUCHE, Noureddine MEHALLEGUE, Ahmed Bouridane
<b>15:30-15:45</b>	<b>ID 385:</b> Multivariate Alteration Detection and ChiMerge Thresholding Method for Change Detection in Bitemporal and Multispectral Images AHMED TAHRAOUI,RADJA KHEDDAMAbdenour Bouakache BELHADJ AISSA Aichouche
<b>15:45-16:00</b>	<b>ID 413:</b> No Reference Image Quality Assessment: Feature Fusion Using Relevance Vector Machine Basma Sadou, A. Lahoulou, T. Bouden
<b>16:00-16:15</b>	<b>ID 457:</b> Effect of a Signal Decorrelation on Adaptive Filtering Algorithms for Acoustic Echo Cancellation Mahfoud Hamidia, Abderrahmane AMROUCHE

<b>Date October 30<sup>th</sup>, 2017</b>	<b>Room 2</b>
<b>Track: Control systems Engineering</b> <b>Session : System Identification</b>	<b>Session Chair: Dr. K. Baiche and Dr. R. Guernane</b>
<b>13:00-13:15</b>	<b>ID 7:</b> MIMO Identification and Digital Compensator Design For Quadruple Tank Process Belkacem Bekhiti, DAHIMENE Abdelhakim, HARICHE Kamel, Mohamed A. Moustafa

	Hassan
13:15-13:30	<b>ID 173:</b> PSO based on the Key-term separation principle for Fractional Hammerstein system identification Karima HAMMAR, Tounsia DJAMAH, Bettayeb maamar
13:30-13:45	<b>ID 459:</b> Square root cubature Kalman filter for stochastic metabolic/ hemodynamic model identification Mohammed Boureghda, Toufik Bouden
13:45-14:00	<b>ID 461:</b> Pseudo Binary Distillation Column Identification CHEIKH Marouane, Abderazzak Lachouri
14:15-14:30	<b>ID 499:</b> Step by step Parameters Identification for Photovoltaic Generator Selma TCHOKETCH KEBIR, Mohamed Salah AIT CHEIKH, MOURAD HADDADI, Billel BOUMAARAF
14:30-14:45	<b>Coffee Break</b>
<b>Track: Control systems Engineering Session: Fault Detection and Diagnosis 2</b>	<b>Session Chair: Dr. K. Baiche and Prof. A. Maldi</b>
14:45-15:00	<b>ID 322:</b> New Vision about the Overlap Frequencies in the MCSA-FFT Technique to Diagnose the Eccentricity Fault in the Induction Motors Noureddine Bessous, Salah Eddine Zouzou, Salim Sbaa, Abdellatif Khelil
15:00-15:15	<b>ID 367:</b> Detection of Rotor Faults Based on Hilbert Transform and Neural Network for an Induction Machine BENSAOUCHA Saddam, AMEUR Aissa, BESSEDIK Sid Ahmed, SEGHIOUR Abdellatif
15:15-15:30	<b>ID 399:</b> Soft Fault Identification in Electrical Network using Time Domaine Reflectometry and Adaptive Neuro-Fuzzy Inference Systeme abderrzak laib, Melit Mohamed, Nkhoul Bachir, Kerroum Kamal, Elkhamilichi Drissi Khalil
15:30-15:45	<b>ID 415:</b> Sensor Fault estimation for a Nonlinear CSTR using Super-twisting and High-gain Observers Mustapha BOUDJELLAL, Rachid Illoul
15:45-16:00	<b>ID 425:</b> Robust residual generation with perfect decoupling unknown input observer Souad Tahraoui, Abdelhalim Zaoui, Fatiha Benbekhti, jalal edine Benmansour
16:00-16:15	<b>ID 436:</b> Improved process monitoring using PCA methods and adaptive threshold scheme Azzeddine Bakdi, Abdelmalek Kouadri

<b>Date October 30<sup>th</sup>, 2015</b>	<b>Room 3</b>
<b>Track: Power engineering Session : Renewable energies 3</b>	<b>Session Chairs: Dr. B. Metidji and Dr. R. Medjoudj</b>
13:00-13:15	<b>ID 199:</b> Switched fractional order controller for grid connected wind energy conversion system AFGHOUL Hamza, Fateh Krim, Antar Beddar, M. Houabes
13:15-13:30	<b>ID 275:</b> MPPT Sliding Mode Controller for PV System supplying a Large Scale Interconnected Grid amel abbadi, F.HAMIDIA, A.MORSLI, D.BOUKHETALA, L.NEZLI
13:30-13:45	<b>ID 286:</b> Higher Performance of the Super-Twisting Sliding Mode Controller for Indirect Power Control of Wind Generator based on a Doubly Fed Induction Generator Belkacem Belabbas, Tayeb Allaoui, Mohamed Tadjine, Mouloud Denaï
14:30-14:45	<b>Coffee Break</b>
<b>Track: Power engineering Session: High voltage engineering 1</b>	<b>Session Chairs: Dr. Y. Zennir and Dr. R. Bendib</b>
14:45-15:00	<b>ID 22:</b> Electrostatic Characterization of Cereal Grains REMADNIA Mokdad, ROUAGDIA karim, KACHI miloud, NADJEM Abdelkader
15:00-15:15	<b>ID 33:</b> Numerical Simulation of the barrier effect on the Electric Field Distribution in Point-Plane Air Gaps using COMSOL Multiphysics Mohamed BENZIADA, Ahmed BOUBAKEUR, Abdelouahab MEKHALDI
15:15-15:30	<b>ID 50:</b> Charging Kinetics of XLPE Insulation Cables Under e-beam Irradiation in SEM: Effect of Thermal Aging Larbi Boukezzi, Sébastien Rondot, Omar Jbara, Ahmed BOUBAKEUR
15:30-15:45	<b>ID 59:</b> On the Analysis of Lightning Response of Interconnected Wind Turbine Grounding Systems Omar KHERIF, Sofiane Chiheb, Madjid Tegar, Abdelouahab MEKHALDI
15:45-16:00	<b>ID 66:</b> Composite Insulators in a 400 kV AC Line in Algeria for Improving Electric Field Distribution Mohamed BOUHAUCHE, Abdelouahab MEKHALDI, Madjid Tegar
16:00-16:15	<b>ID 67:</b> Incorporation of soil ionization and mutual coupling in transient study of horizontal grounding electrode using TLM Sofiane CHIHEB, Omar Kherif, Madjid Tegar and Abdelouahab Mekhaldi

Date October 30 <sup>th</sup> , 2017	Room 4
Track: Control systems engineering Session : Robust and Nonlinear Control Systems 1	Session Chairs: Prof. K. Hariche and Prof. A. Maldi
13:00-13:15	<b>ID 86:</b> Real Time Implementation of Grid-connection control using Robust PLL for WECS in Variable Speed DFIG-based on HCC Fayssal AMRANE, Azeddine CHAIBA, Bruno FRANCOIS, Badreddine Babes
13:15-13:30	<b>ID 121:</b> Robust Integral Backstepping Control of PMSM for Electric Vehicle Application Salah Nadji, S.Benaicha
13:30-13:45	<b>ID 154:</b> Robust Fractional PID Controller of Permanent Magnet Synchronous Motor Based on Gravitational Search Algorithm Bachir Bouiadjra Rochdi, Mohammed Debbat, SALEM MOHAMMED, Sedraoui Moussa, Feraga Chams-Eddine
13:45-14:00	<b>ID 203:</b> Improving DTC of Induction Motor Used In Electric Vehicles With Sliding Mode Control Based on SVM and Fuzzy Logic Control abdelkader ghezouani, Brahim Gasbaoui, Jamel Ghouili
14:00-14:15	<b>ID 249:</b> Design of Robust Fuzzy Tracking Controllers for a Class of Switched Nonlinear Systems Dalel Jabri, Djame Eddine Chouaib Belkhiat, Kevin Guelton, Nouredine Manamanni
14:15-14:30	<b>ID 395:</b> A data-driven prognostic approach based on wavelet transform and extreme learning machine Soufiane LADDADA, Tarak BENKEDJOUH, Mohammed Ouali SI-CHAIB, Redouane Draï
14:30-14:45	Coffee Break
Track: Power engineering Session: Power Electronics 2	Session Chairs: Prof. H. Bentarzi and Dr. F. Z. Dekhandji
14:45-15:00	<b>ID 262:</b> Comparative study between different control strategy of the Z-Source inverter Ibtissam CHAIB, Asma BEHLOULI, El Madjid BERKOUK, Fatma_Zahra HADJADJI, Ouarda BENKOUIDER
15:00-15:15	<b>ID 343:</b> Analytical identification of the differential mode impedance of a cell Buck DC-DC Converter Djelloul BENSAAAD, Abdelchafik HADJADJ, Amar TELIDJI, Achour ALES
15:15-15:30	<b>ID 402:</b> Voltage Source Converter Parameters Design Considering Equivalent Source Resistance Effect KOUSSAILA MESBAH, Tahar Otmane Cherif, Adel Rahoui, Hamid Seddiki
15:30-15:45	<b>ID 468:</b> Direct Power Control Strategy Applied to Five Level Inverter with Input Capacitors Voltage Regulation SALMI CHAWKI, El Madjid BERKOUK, MESSAIF Iqbal, SEGHIOUR Abdellatif
15:45-16:00	<b>ID 542:</b> Inhomogeneous barrier height effect on the current-voltage characteristics of a W/4H-Sic Schottky diode ZEGHDAR kamal, DEHIMI Lakhdar
16:00-16:15	<b>ID 555:</b> Finite-Set Model Predictive Voltage Control for Islanded Three Phase Current Source Inverter Hamza Feroura, Fateh KRIM, Billel TABLI, Abdelbaset LAIB

Date October 30 <sup>th</sup> , 2017	Room 5
Track: Computer systems and applications Session : Intelligent Systems and Applications 1	Session Chairs: Prof. S. Badjou and Dr. A. Ouadi
13:00-13:15	<b>ID 247:</b> PEvoRNN: Extended CUDA-Based Hybrid Parallel Evolutionary Robot Controller Nour El-Houda BENALIA, NourEddine DJEDI
13:15-13:30	<b>ID 291:</b> A New Training Method For Solving The XOR Problem LADJOUZI Samir, GROUNI Said, O; Abderrahmen Kirad, Youcef Soufi
13:30-13:45	<b>ID 301:</b> A Robust Multi Stage Technique for Image Binarization of Degraded Historical Documents Omar Boudraa, Walid Khaled Hidouci, Dominique Michelucci
13:45-14:00	<b>ID 307:</b> A prallel approach of spectrometry Raman image processing using OpenCL Imane Zouaneb, Mostefa BELARBI, Abdellah CHOUARFIA
14:00-14:15	<b>ID 366:</b> A New Method For Accurate QRS Detection Using Stationary Wavelet Transform Mohamed Amine BELKADI, Abdelhamid Daamouche
14:15-14:30	<b>ID 384:</b> Improved Pi-Sigma Neural Network for nonlinear system identification LADJOUZI Samir, GROUNI Said, KACIMI Nora, Youcef Soufi

<b>14:30-14:45</b>	<b>Coffee Break</b>
<b>Track: Control systems engineering Session: Control and Robotics 2</b>	<b>Session Chairs: Prof. S. Badjou and Dr. H. Belaidi</b>
<b>14:45-15:00</b>	<b>ID 353:</b> Fractional Order Controller Based on the Fractionalization of PID controller mohamed charef.; Abdelfatah Charef
<b>15:00-15:15</b>	<b>ID 374:</b> Proportional Multiple-Integral observer for Takagi-Sugeno systems with immeasurable premise variables Lamia Ouhib
<b>15:15-15:30</b>	<b>ID 429:</b> Adaptive State Feedback Control of Robotic Manipulators Using Neural Networks Belkacem Rahmani, Mohammed Belkheiri
<b>15:30-15:45</b>	<b>ID 453:</b> Fractional-Order Model Reference Adaptive Controller Design Using a Modified MIT Rule and a Feed-forward Action For a DC-DC Boost Converter Stabilization Bouziane KEZIZ, Abdelbaki Djouambi, Samir Ladaci
<b>15:45-16:00</b>	<b>ID 528:</b> Adaptive sliding mode control for the stabilization of a class of fractional-order Lü chaotic systems BOUROUBA Bachir, Samir Ladaci
<b>16:00-16:15</b>	<b>ID 531:</b> Development of an experimental platform for testing mobile robot systems Ahmed BOUZAR ESSAIDI, Walid BOUZENZEL, Yakoub REMLI, Taha CHETTIBI

<b>Date October 30<sup>th</sup>, 2017</b>	<b>Room 6</b>
<b>Track: Telecommunication engineering Session : Wireless/Mobile communications 1</b>	<b>Session Chairs: Dr. A. Dahimene and Dr. M. Challal</b>
<b>13:00-13:15</b>	<b>ID 376:</b> Performance Study of Three Different Sparse Adaptive Filtering Algorithms for Echo Cancellation in Long Acoustic Impulse Responses Ayoub TEDJANI, Ahmed BENALLAL
<b>13:15-13:30</b>	<b>ID 53:</b> Investigation and modeling of an IM-DD RoF system using the Sub-Carrier Multiplexing method BOUSBAA Walid
<b>13:30-13:45</b>	<b>ID 64:</b> Chi-square QQ plot technique for detecting multivariate anomalies in centralized wideband cooperative compressive sensing in the presence of malicious users Ahmed Moumena, Abderrezak GUESSOUM
<b>13:45-14:00</b>	<b>ID 83:</b> Femtocell Placement in an Indoor Building Using NSGA II Ouamri Amine, Zenadji Sylia
<b>14:00-14:15</b>	<b>ID 138:</b> Predicting the Primary Signal Sensing for Cognitive Radio Users using an Alpha-Beta Filter Haroun Errachid ADARDOUR, Samir Kameche
<b>14:15-14:30</b>	<b>ID 139:</b> A novel PCGA approach for PAPR reduction in OFDM systems TARIK HADJ ALI, Abdelkrim HAMZA
<b>14:30-14:45</b>	<b>Coffee Break</b>
<b>Track: Telecommunication engineering Session: Pattern recognition 2</b>	<b>Session Chairs: Prof. A. Guessoum and Prof. A. Kacha</b>
<b>14:45-15:00</b>	<b>ID 403:</b> ECG as a Biometric for Individual's Identification Sellami Abdelkader, Amine ZOUAGHI, Abdelhamid DAAMOUCHE
<b>15:00-15:15</b>	<b>ID 473:</b> New Feature Extraction Approach Based On Adaptive Fuzzy Systems For Reliable Biometric Identification TIDJANI Zakaria, CHITROUB Salim, MERAOUMIA Abdellah, khaled BEN SID, SMAHI Mokhtar
<b>15:15-15:30</b>	<b>ID 517:</b> Fast Correlation based Filter combined with Genetic Algorithm and Particle Swarm on Feature selection Hayet Djellali, Souad Guessoum, Nacira Ghoualmi, Badji Mokhtar, Soumia Layachi
<b>15:30-15:45</b>	<b>ID 546:</b> A bagging SVMs to learn from Event Related Potentials using Electroencephalography Sid Ahmed BELHADJ, Nawal Benmoussat, Mohamed Della Krachai



<b>Tuesday, October 31<sup>st</sup>, 2017</b>	<b>IGEE Conference Room</b>
<b>Keynote 5</b>	<b>Session Chairs: Dr. A. Daamouche and Dr. A. Dahimene</b>
<b>8:30-9:30</b>	<b>Difference between Traditional Artificial Intelligence, Machine Learning and Deep Learning Professor :Djamel BOUCHAFFRA, CDTA, Algiers.</b>
<b>Keynote 6</b>	<b>Session Chairs: Prof. H. Bentarzi and Dr. M. Bouchahdane</b>
<b>9:30-10:30</b>	<b>Hardware Implementation of an Automatic Adaptive Centralized Under Frequency Load Shedding Scheme Professor: Ahmed ELTOM, USA</b>
<b>10:30-10:45</b>	<b>Coffee Break</b>
<b>10:30-11:00</b>	<b>Poster Sessions II Chairs: Prof. H. Bentarzi, Dr. A. Ouadi and prof. A. Khouas 126, 183, 205,325 , 363, 364, 379, 351, 432, 437, 472, 474, 504, 523, 562, 193, 194, 237, 290, 300, 216, 532, 491, 522, 533, 494, 404, 512, 553, 568, 350, 394, 458</b>

<b>Date October 31<sup>st</sup>, 2017</b>	<b>Room 1</b>
<b>Track: Telecommunication Engineering Session: Image and speech processing 4</b>	<b>Session Chairs: Dr. A. Dahimene and Dr. L. Sadouki</b>
<b>11:00-11:15</b>	<b>ID 38:</b> A New ECG Data Compression Method based on Adaptive Vector Quantization and residual error compensation Imene Soussi, Mohamed Ouslim
<b>11:15-11:30</b>	<b>ID 98:</b> Shape Irregularity based Area Measurement:Application on Cell Nucleus Recognition Mohammed AMMAR, Karim Baiche, Said Mahmoudi, Mourtada Benazzouz,
<b>11:30-11:45</b>	<b>ID 501:</b> Synthesis of pathological voices and experiments on the effect of jitter and shimmer in voice quality perception Yaaqoub BENNANE, Abdellah KACHA, Jean SCHOENTGEN, Francis GRENEZ
<b>11:45-12:00</b>	<b>ID 506:</b> Vocal Dysperiodicities Estimation Using Fractional Order Long-Term Linear Prediction Asma Kissoum, Abdellah Kacha
<b>12:00-12:15</b>	<b>ID 530:</b> Combination of Spectral Unmixing Algorithms for the Fusion of the Hyperspectral and Multispectral Data with Unknown Spectral Response Function Bendoumi amine
<b>12:30-14:00</b>	<b>Lunch</b>
<b>Track: Telecommunication Engineering Session: RF/Microwave circuits</b>	<b>Session Chairs: Prof. T. A. Denidni and Prof. A. Azrar</b>
<b>14:00-14:15</b>	<b>ID 102:</b> Modeling of Electromagnetic Behavior of Composite Thin Layers using Genetic Algorithm Abdelmalek Reddaf, Karim Ferroudji, Mounir Boudjerda, Khaled Hamdi Chérif, Isslam Bouchachi, CRTI ALGERIA; Fatima Djerfaf
<b>14:15-14:30</b>	<b>ID 157:</b> Compact 45° Phase Shifter Based on Coupled Tapered Transition for UWB Applications Soufiane Tebache, Adel Belouchrani, Farid Ghanem, Ali Mansoul
<b>14:30-14:45</b>	<b>ID 176:</b> Design and analysis of dual-band rejection microwave filter employing SRR Bachir Belkadi, Zoubir Mahdjoub
<b>14:45-15:00</b>	<b>ID 195:</b> Dielectric properties of Fe-Co Ferrite nanocrystalline material characterization in microwave region Zahir Hamouda, Sabah Saib, Said Bergheul
<b>15:00-15:15</b>	<b>ID 346:</b> Microstrip Dual-Band Bandpass Filter Design using Folded Coupled Lines Ahmed Lahmissi*, Mouloud Challal
<b>15:15-15:30</b>	<b>ID 357:</b> Band-Notched Ultra-Wideband Bandpass Filter Design using Multiple-Mode Resonator and Stepped Impedance Stub Loaded Hassiba Louazene, Mouloud Challal, Mhamed Boulakroune

<b>Date October 31<sup>st</sup>, 2017</b>	<b>Room 2</b>
<b>Track: Control systems Engineering Session : Fault Detection and Diagnosis 3</b>	<b>Session Chairs: Dr. M. Ammar and prof. A. Maidi</b>
<b>11:00-11:15</b>	<b>ID 306:</b> Study of Muscle Fatigue Across Typical Physical Exercise by Using Different Techniques of Analysis Mohamed Rezki, Issam Griche, Mouloud Ayad
<b>11:15-11:30</b>	<b>ID 368:</b> Measurement and Monitoring System of AC Machines Using LabVIEW ahmed Kahlouche, Yassine Bouroudi; Abderrahmane Ouadi

11:30-11:45	<b>ID 440:</b> An Efficient Statistical-based Approach for Road Traffic Congestion Monitoring ZEROUAL Abdelhafid, HARROU Fouzi, Ying Sun
11:45-12:00	<b>ID 508:</b> A Statistical Parameters and Artificial Neural Networks Application for Rolling Element Bearing Fault Diagnosis using Wavelet Transform Preprocessing BAICHE Karim, Abderazzak Lachouri
12:00-12:15	<b>ID 299:</b> Application of New Quantitative and Qualitative Study Based on DWT Method to Diagnose the Eccentricity Fault in Induction Motors Noureddine BESSOUS, Salim SBAA, Salah Eddine ZOUZOU, Wafa BENTRAH, Zoubir BECER, Laid ZAROUR
12:15-12:30	<b>ID 560:</b> Robust state estimation and Monitoring of anaerobic digestion process Boughamsa Mouna, Messaoud Ramdani
12:30-14:00	<b>Lunch</b>
<b>Track: Control systems Engineering Session: Robust and Nonlinear Control Systems 2</b>	<b>Session Chairs: Prof. K. Hariche and Dr. R. Bendib</b>
14:00-14:15	<b>ID 321:</b> Sensorless Speed Estimation and Backstepping Control of Induction Motor Drive Using Model Reference Adaptive System Tarek Ameid, Arezki Menacer, Hicham Talhaoui, Abdelkarim Ammar, Younes Azzoug
14:15-14:30	<b>ID 417:</b> Chaos synchronization of optical systems via a fractional-order sliding mode controller Amina BOUBELLOUTA, LAJ, Abdesselem Boulkroune
14:30-14:45	<b>ID 422:</b> Sensorless IPM Synchronous Motor using High Order Sliding Mode Technique with Finite Time Rotor Position Observer Mohamed Assaad Hamida
14:45-15:00	<b>ID 470:</b> Design and Comparison of Two Nonlinear Control Strategies for Path Following of Autonomous Electric Vehicles kada akermi, Samira Chouraqui, Boudjemaa Boudaa
15:00-15:15	<b>ID 478:</b> Adaptive Discrete Sliding Mode Control of a Pneumatic Artificial Muscles Robot Ratiba FELLAG, Mustapha HAMERLAIN, Salah Laghrouche, Noura Achour
15:15-15:30	<b>ID 482:</b> Adaptive super twisting controller: In search of a universal controller for the paraplegic knee movement using FES safia benahmed, Mohamed Tadjine, Omar Kermia

<b>Date October 31<sup>st</sup>, 2015</b>	<b>Room 3</b>
<b>Track: Power engineering Session : Renewable energies 4</b>	<b>Session Chairs: Dr. R. Medjoudj and Dr. B. Metidji</b>
11:00-11:15	<b>ID 312:</b> Wind Speed and Wind Power Forecasting Using Wavelet Denoising-GMDH Neural Network saida makhloufi, Gobind Pillai
11:15-11:30	<b>ID 314:</b> An Improved Technique Based on PSO to Estimate the Parameters of the Photovoltaic Cell/Module Zouhir AMOKRANE, MOURAD HADDADI
11:30-11:45	<b>ID 315:</b> Grid-Connected Direct Drive Wind Energy Systems Using a Predictive Current Controller Badreddine Babes, Amar BOUTAGHANE, Amar Bouafassa
11:45-12:00	<b>ID 383:</b> Real-time Simulation of Decoupled Power Control Scheme for Wind Turbine Applications by using RT-LAB Package Ahriche Aimad, A. Idir, A. Boussoufa and M. Kidouche
12:00-12:15	<b>ID 444:</b> Comprehensive Modeling and Simulation of Grid- Tied PV System Noureddine AYACHI AMOR, AYACHI AMOR Yacine, KHELDOUN Aissa, brahim metidji
12:15-12:30	<b>ID 400:</b> Photovoltaic-Battery Pumping Quazi Z Source Inverter System Control using Incremental Conductance MPPT and Flux Orientation Technique BOUKEBBOUS seif, Dj. Kerdoun, N. Benbaha, H. Ammar, A. Bouchakour
12:30-14:00	<b>Lunch</b>
<b>Track: Power engineering Session: Renewable energies 5</b>	<b>Session Chairs: Dr. R. Medjoudj and Dr. B. Metidji</b>
14:00-14:15	<b>ID 430:</b> Simulation of graded band gap p-i-n GaN/InN solar cell using AMPS-1D BENSLIMANE Hassane, Dennai Benmoussa
14:15-14:30	<b>ID 435:</b> Realization of an inverter with PWM command for photovoltaic system Seyf Eddine Bechekir, Imèn Souhila Bousmaha, Mostefa Brahami, Djafar Ould Abdeslam
14:30-14:45	<b>ID 439:</b> Multi-Class Neuro-Fuzzy Classifier for Photovoltaic Array Faults Diagnosis Abdeslam Belaout , KRIM Fateh, Adel Mellit

14:45-15:00	<b>ID 309:</b> ESN for MPP Tracking and Power Management in Photovoltaic—Hydrogen Hybrid System Issam ABADLIA, Hamza BOUZERIA, Mohamed Adjabi, Issam Benouareth
15:00-15:15	<b>ID 448:</b> Optimal sizing of hybrid PV/FC/EZ/BAT system using LPSP concept ZIDANE Nourredine, Lalouni Sofia
15:15-15:30	

Date October 31 <sup>st</sup> , 2017	Room 4
Track: Power engineering Session :High voltage engineering 2	Session Chairs: Dr. Y. Zennir and Dr. R. Bendib
11:00-11:15	<b>ID 88:</b> Simulation of the Effect of the Dielectric Thickness on Space Charges and Interfacial Charge Under DC High Voltage youcef baadj Abdallah, Rogti Fatiha
11:15-11:30	<b>ID 99:</b> Recurrent Plot and Quantification of Leakage Current for monitoring the insulator surface state under non uniform desertic pollution djamel maadjoudj, A. Mekhaldi , M. Tegar
11:30-11:45	<b>ID 122:</b> The Comparative THD Analysis of Neutral Point Clamped Multilevel Inverter based on PDSPWM Control Techniques OMAR DLAL, Fatiha Zidani
11:45-12:00	<b>ID 172:</b> Tribo and Corona Charging and Charge Decay on Polymers Plates MELLOUKI Hamza, Lazhar Herous, Lucian Dascalescu, Yopa Prawatya, Bogdan Neagoe
12:00-12:15	<b>ID 192:</b> Electromagnetic Fields analysis on OTL with presence of Human Body Model Using ComsolMultiphysics Zahira Anane, F. Aouabed
12:30-14:00	Lunch
Track: Power engineering Session: Power systems 2	Session Chairs: Prof. H. Bentarzi and Dr. F. Z. Dekhandji
14:00-14:15	<b>ID 259:</b> Solving smooth and non-smooth economic dispatch using water cycle algorithm Ahboub Dihem, Ahmed Salhi, Djemai Naimi, Ahmed Bensalem
14:15-14:30	<b>ID 261:</b> Continuation Power Flow Analysis of the Power Systems Including the UPFC for Voltage Stability Improvement DJILANI KOBIBI Youcef Islam, HADJERI Samir, ZIDI Sid Ahmed
14:30-14:45	<b>ID 270:</b> Optimum Dynamic Distribution Network Reconfiguration using Minimum Spanning Tree Algorithm mustapha MOSBAH, Salem Arif , Ridha Djamel Mohammedi, Abdelhafid Hellal
14:45-15:00	<b>ID 294:</b> Optimal Tuning of Fractional Order PID Controller for AVR System Using Simulated Annealing Optimization Algorithm Lahcene Rouani, Abdeldjalil Sbbane, Kheldoun Aissa
15:00-15:15	<b>ID 330:</b> Electrostatic and electromagnetic effects of HV overhead power line on above metallic pipeline Djekidel Rabah, Abdechafik Hadjadj , Bessedik Sid Ahmed
15:15-15:30	<b>ID 490:</b> A Predictive Direct Power Control Strategy for Three-Level NPC Rectifier Kahia Billel, Abdelouaheb Bouafia, Abdelmadjid Chaoui, Mohamed Abdelrahemb, Zhenbin Zhang, Ralph Kennel, Abdelbasset Krama

Date October 31 <sup>st</sup> , 2017	Room 5
Track: Computer systems and applications Session : Intelligent Systems and Applications 2	Session Chairs: Prof. A. Khouas and Dr. A. Maache
11:00-11:15	<b>ID 256:</b> Monocular SLAM Based on Salient Regions Detection Yassine AHMINE, Fatima Chouireb, Aissa Bencherif
11:15-11:30	<b>ID 463:</b> A Combined EEG and EOG Signals Based Wheelchair Control in Virtual Environment Mohamed Djeha, Fazia Sbargoud, Mohamed Guiatni, Noureddine Ababou
11:30-11:45	<b>ID 514:</b> New Teaching-Learnig Based Optimization Algorithm with Random Local Search : TLBO-RLS Kheireddine Bourahla, Zoubida Belli, Tarik Hacib, Imad Achoui
11:45-12:00	<b>ID 543:</b> Collocated learning experience within collaborative augmented environment (Anatomy course) Touel Sofiane, Mekkadem Mounir, Kenoui Mouna, Samir Benbelkacem
12:00-12:15	<b>ID 565:</b> New Compact Music-Inspired Algorithms Lyes TIGHZERT, Cyril Fonlupt, Boubakeur Mendil, olivier bruneau
12:15-12:30	<b>ID 567:</b> Adaptive Local Search Approach for the Timetable Scheduling Problem Drifa Hadjidj, Rachid Hadjidj, Habiba Drias
12:30-14:00	Lunch

<b>Track: Control systems engineering</b> <b>Session: Intelligent Control Systems 2</b>	<b>Session Chairs: Prof. S. Badjou and Dr. A. Ouadi</b>
<b>14:00-14:15</b>	<b>ID 49:</b> Multiple Switching Patterns for Three-Level SHEPWM Inverter Using STM32F4 Microcontroller Fayçal CHABNI, Rachid TALEB, Abderrahmen BENBOUALI
<b>14:15-14:30</b>	<b>ID 111:</b> Real-Time Scalar Control of Induction Motor using RT-Lab Software mansour bechar, Abdeldjebar Hazzab, Mohammed Habbab
<b>14:30-14:45</b>	<b>ID 391:</b> Tool condition monitoring Based on Mel-frequency cepstral coefficients and support vector regression Tarak BENKEDJOUH, Noureddine ZERHOUNI, Said RECHAK
<b>14:45-15:00</b>	<b>ID 412:</b> Implementation of a Fuzzy Logic Speed Controller For a Permanent Magnet DC Motor Using a Low-Cost Arduino Platform Zoheir Tir, Om Malik, Med. Assaad hamida, Hakima Cherif, Youcef Bekakra, Abderrahmane Kadrine
<b>15:00-15:15</b>	<b>ID 414:</b> Supervisory Control of a Building Heating System Based on Radial Basis Function Neural Networks Ahmed OUARET, Hocine LEHOUCHE, MENDIL Boubekour, FREDJ Siham
<b>15:15-15:30</b>	<b>ID 505:</b> Identification and Adaptive Control using RBF Neural Networks of multi-zone Building Heating System Fredj Siham, Lehouche Hocine, Ouaret Ahmed, Guenounou Wahib

<b>Date October 31<sup>st</sup>, 2017</b>	<b>Room 6</b>
<b>Track: Control systems engineering</b> <b>Session : Control and Robotics 3</b>	<b>Session Chairs: Dr. R. Guernane and Dr. H. Belaidi</b>
<b>11:00-11:15</b>	<b>ID 477:</b> Multi-controller approach with PSO- PIIDm Controllers for a Robotic Wrist Youcef Zennir, El-Arkam MECHHOUD, Ahcene SEBOUI, Riad BENDIB
<b>11:15-11:30</b>	<b>ID 479:</b> Control system design by using H $\infty$ Controller for a Robotic Wrist youcef zennir, Mohand Said LARABI, Elhadi GUECH, Salah Eddine REZIG
<b>11:30-11:45</b>	<b>ID 481:</b> Predictive control of a two-link robot arm ELHADI GUECHI , Youcef Zennir, Lottfi MESSIKH , Saso BLAZIC
<b>11:45-12:00</b>	<b>ID 535:</b> Data fusion strategy for the navigation of a mobile robot in an unknown environment using fuzzy logic control Aissa Bencherif, Fatima Chouireb, Yassine AHMINE
<b>12:00-12:15</b>	<b>ID 540:</b> Wound Healing as an Electromechanical Feedback Control System: Modeling and Applications Salah Badjou
<b>12:15-12:30</b>	<b>ID 541:</b> Visual path following by an omnidirectional robot using 2D visual servoing Safia FEKNOUS, Fatima CHOUIREB
<b>14:30-14:45</b>	<b>Lunch</b>
<b>Track: Telecommunication engineering</b> <b>Session: Pattern recognition 3</b>	<b>Session Chairs: Prof. A. Guessoum and Prof. D. Bouchaffra</b>
<b>14:00-14:15</b>	<b>ID 161:</b> Simple Improved Mean Energy Detection In Spectrum Sensing For Cognitive Radio NASRALLAH abdelhak, ABDELKRIM HAMZA, Genevieve BAUDOIN, Boukaba Toufik, Abdelhak M Zoubir
<b>14:15-14:30</b>	<b>ID 289:</b> Planning, Dimensioning Of NodeB With Calibration Of The Propagation Model Selia Khellaf , Selia Khellaf; Mohamed Azni, Smail Berrah
<b>14:30-14:45</b>	<b>ID 327:</b> Energy-Harvested Management Mechanism for Wireless Sensor Networks Abdelmalek Bengheni, Fedoua Didi, Ilyas Bambrik
<b>14:45-15:00</b>	<b>ID 375:</b> QoS Multicast Routing based on a Hybrid Quantum Evolutionary Algorithm with Firefly Algorithm Mohammed Mahseur, Yassine Meraihi, Abdelmadjid Boukra, Amar Ramdane-Cherif
<b>15:00-15:15</b>	<b>ID 377:</b> QoS performance evaluation of AODV and DSR Routing Protocols in City VANET Scenarios Yassine Meraihi, Acheli Dalila , Amar Ramdane-Cherif
<b>15:15-15:30</b>	<b>ID 455:</b> Complementary In-Vivo Measurements for Human Body Communication MAAMIR foudad, Smail TEDJINI, Rachida TOUHAMI, Mohamed Guiatni
<b>15-30-16:00</b>	<b>Closing ceremony</b>

#### Poster Session Papers

<b>Poster Session I</b>	<b>Poster Session II</b>
<b>ID 2:</b> Quad-band Microstrip Patch Antenna for WLAN/WiMAX/C/X Applications	<b>ID 126:</b> Electron Transport Characteristics In 4H-SiC Polytype Under High-Electric-Field

Mouloud CHALLAL, Faiza Mouhouche, Kahina Djafri, Ahmed Boutejdar	Youcef BELHADJI, B. BOUAZZA, Ahmed Amine Elouchdi,
<b>ID106:</b> A New Approach of Elliptic Curve Diffie-Hellman key Exchange Nissa Mehibel, Mhamed Hamadouche	<b>ID 205:</b> A 3D Interaction Technique for Selection and Manipulation Distant Objects in Augmented Reality Abdelkader Bellarbi, Nadia Zenati-Henda, Samir Otmame, France; Hayet Belghit, Samir Benbelkacem, Assia Messaci, Mahfoud Hamidia
<b>ID 380:</b> An Improvement of Mobile Chord Protocol using Locality Awareness on Top of Cellular Networks Sarra Cherbal, Abdellah BOUKERRAM, Abdelhak BOUBETRA	<b>ID 325:</b> Contribution to The Study of Piezoelectric Beam Bending Actuator in Harmonic Mode Amar Regaz, Larbi Boukezzi, Boubakeur Zegnini, Mahi Djilali
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<b>ID 137:</b> Image Secure Transmission Using Chaotic Synchronization bouden toufik	<b>ID 504:</b> Performance Analysis of Polar Codes vs Turbo Codes over AWGN channel Mahdi BERSALI, Hocine AIT-SAADI, Messaoud BENSEBTI
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