

**DETAILED PROGRAM**

<b>Date December 13<sup>th</sup>, 2015</b>	<b>UMBB Conference Room</b>
<b>8:30-9:30</b>	<b>Opening Ceremony</b>
<b>Keynote speaker 1</b>	<b>Session Chairs: Prof. Kamal Hariche, Dr. Kouadri Abdelmalek</b>
<b>9:30-10:15</b>	<b>Competitiveness and Economic Advancement Professor Kamal Youcef-Toumi, MIT, USA</b>
<b>10:15-10:30</b>	<b>Coffee Break</b>
<b>Keynote speaker 2</b>	<b>Session Chairs: Prof. Hamid Bentarzi, Dr. Aissa Kheldoun</b>
<b>10:30-11:15</b>	<b>Distributed Generation and the Electric Smart Grid Professor Bashar ZAHAWI, Khalifa University, Abu Dhabi, UAE</b>
<b>11:15-13:30</b>	<b>LUNCH BREAK</b>

<b>Date December 13<sup>th</sup>, 2015</b>	<b>Room 1</b>
<b>Track: Telecommunication Engineering Session: RF/Microwave circuits 1</b>	<b>Session Chair: Pr. A. Azrar and Dr. H. Kimouche</b>
<b>13:30-13:50</b>	<b>ID 2: Tri-Band Microstrip Bandpass Filters for GSM and WiMAX Applications Djamel RABAHALLAH, ; Mouloud CHALLAL, Nawel TALAHARIS, Univ. Bumerdes</b>
<b>13:50-14:10</b>	<b>ID 321: An Enhanced Ultra Wideband Hyperchaotic Oscillator Said SADOUDI, Omar MERAD, EMP, Algiers</b>
<b>14:10-14:30</b>	<b>ID 293: Miniaturized Microstrip Ultra-Wide Stopband Low Pass Filter Design Samir BOUDAA, Mouloud CHALLAL, Rachid MEHANI, Djamel RABAHALLAH, Univ. Bumerdes</b>
<b>14:30-14:50</b>	<b>ID 412: Low pass Microstrip Filter on Metamaterial Substrate Asma DJELLID, univ_Bouira; F. BOUTTOUT, Univ. BBA; Lionel PICHON, LGEEP</b>
<b>14:50-15:10</b>	<b>ID 357: The Effects of Concentration quenching and the Position of EDFA Amplifier on WDM/TDM -Based Long- Reach Passive Optical Networks Bentahar ATTAOUIA, University of djillali liabes, SBA</b>
<b>15:10-15:20</b>	<b>Coffee Break</b>
<b>Track: Telecommunication Engineering Session: Image and speech processing 1</b>	<b>Session Chair: Dr. A. Dahimene and Dr. L. Sadouki</b>
<b>15:20-15:40</b>	<b>ID 51: SAR Interferograms Denoising Method Combining Wavelet Thresholding And Wiener Filtering Fatma Zohra BOUDANI; Mounira OUARZEDDINE, USTHB</b>
<b>15:40-16:00</b>	<b>ID 77: Contraction Extraction from Term and Preterm Electrohyterographic Signals Nafissa SADI-AHMED; Malika KEDIR-TALHA, USTHB</b>
<b>16:00-16:20</b>	<b>ID 160: On the Use of Local Motion Information for Human Action Recognition via Feature Selection Ammar LADJAILIA; Imed BOUCHRIKA ; Hayet Farida MEROUANI ; Nouzha HARRATI; University of Souk Ahras</b>
<b>16:20-16:40</b>	<b>ID 186: Adjustment of Active Contour Parameters in Brain MRI Segmentation Using Evolution Strategies Fatima BELGRANA, Centre universitaire d'Ain Tec; Nacéra BENAMRANE, USTO-MB; Abdelmalk TALEB-AHMED, Valenciennes University – France</b>
<b>16:40-17:00</b>	<b>ID 339: Synthesis of diplophonic and biphonic voices YAAQOUB BENNANE; Abdellah KACHA, jijel university; Francis GRENEZ, Université Libre de Bruxelles</b>

<b>Date December 13<sup>th</sup>, 2015</b>	<b>Room 2</b>
<b>Track: Control systems Engineering Session: Fault Detection and Diagnosis 1</b>	<b>Session Chair: Prof. D. Benazzouz and Dr. A. Kouadri</b>
<b>13:30-13:50</b>	<b>ID 10 : Smart algorithm for the preventive monitoring of the impedance fault within a PV generator Wail REZGUI, Batna university</b>

13:50-14:10	ID 73 : Experimental Exploitation for the Diagnosis to the Induction Machine under a Bearing Fault – using MCSA – Noureddine BESSOUS; Salah Eddine ZOUZOU, Mohamed SAHRAOUI
14:10-14:30	ID 79 : Adaptive fuzzy actuator failure compensation for a class of nonlinear systems Sabri BOULOUMA, Salim LABIOD, Hamid BOUBERTAKH, Jijel University
14:30-14:50	ID 175 : PMSM Model with Inter-Turn Fault Chourouk BOUCHARREB; Mohamed Said NAIT SAID, Batna University
14:50-15:10	ID 232 : Mapping Fault Tree into Bayesian Network in safety analysis of process system Hamza ZERROUKI, University of Batna
15:10-15:20	<b>Coffee Break</b>
Track: Control systems Engineering Session: Intelligent Control Systems 1	Session Chair: Pr. K. Hariche
15:20-15:40	ID 46 : A Hybrid Intelligent Control based on DPC for grid-connected DFIG with a Fixed Switching Frequency using MPPT Strategy Azeddine CHAIBA; Fayssal AMRANE, University of Setif 1
15:40-16:00	ID 151 : Adaptive Fuzzy Backstepping Controller of Induction Machine Salim ISSAOUNI; Abdesselem BOULKROUNE ; Hachemi CHEKIREB, ENP , Alger
16:00-16:20	ID 236 : Direct Torque Control with ANN Hysteresis Controller for PMSM Meriem GUITI; Amirouche NAIT SEGHIR, USTHB
16:20-16:40	ID 381 : Design of an adaptive fuzzy sliding mode controller for non-linear hysteretic systems Aissa REBAI, ENP; Kamel GUESMI, CReSTIC, Reims University; Boualem HEMICLI, ENP
16:40-17:00	ID 274 : Fully Decentralized Fuzzy Sliding Mode Control With Chattering Elimination For a Quadrotor Attitude Yacine DELA; Madjid KIDOUCHE; Aimad AHRICHE, UMBB

Date December 13 <sup>th</sup> , 2015	Room 3
Track: Power Engineering Session: Machines and Electric Drives	Session Chair: Prof. H. Bentarzi and Prof. N. Benamrouche
13:30-13:50	ID 64 : Sensorless Nonlinear Control of a Doubly Fed Induction Motor Using Luenberger Observer Tarik MOHAMMED CHIKOUCHE, University Dr Tahar Moulay Saida
13:50-14:10	ID 171 : Modified Load Angle Direct Torque Control for Sensorless Induction Motor Using Sliding Mode Flux Observer Abdelkarim AMMAR; Amor BOUREK; Abdelhamid BENAKCHA, Univ. Biskra
14:10-14:30	ID 209 : Vector Control of Five-Phase Permanent Magnet Synchronous Motor Drive Kamel TOUNSI; Abdelkader DJEHBAR, Chlef Univ.; Said BARKAT, M'sila Univ..
14:30-14:50	ID 299 : Behavior of a six phase induction motor fed by multilevel inverter Koussaila IFFOUZAR; Saci TARAFT, ; Haroune AOUZELLAG; kaci GHEDAMSI, ; Djamel AOUZELLAG, UNIV-BEJAIA
14:50-15:10	ID 300 : DRFOC of polyphase induction machine based on fuzzy logic controller speed Koussaila IFFOUZAR; Saci TARAFT, ; Haroune AOUZELLAG; kaci GHEDAMSI, ; Djamel AOUZELLAG, UNIV-BEJAIA
15:10-15:20	<b>Coffee Break</b>
Track: Power Engineering Session: Power Quality	Session Chair: Prof. H. Bentarzi and Prof. S. Mekhilef
15:20-15:40	ID 205 : Improvement of power quality of induction motor powered by PV generator Khaled CHERIFI, Saida university
15:40-16:00	ID 215 : Contribution to the depollution of the elements ejected by a energy production with the application of electro filter high voltage/ Design of Electro filter multi-compartment Mohamed Ali KOUIDRI; Abdechafik HADJADJ, univ. Laghouat

16:00-16:20	ID 246 : Influence of the skin effect and the form of slot on the starting characteristics of induction motor squirrel cage Zakari MADDI; Djamel AOUEZELLAG; LADDI Toufik, Univ. Bejaia
16:20-16:40	ID 386 : Analysis of The Alternating Current through Insulating Polymers under Accelerated Thermal Aging Youcef KEMARI; Abdelouahab MEKHALDI ; madjid Teguar, ENP
16:40-17:00	ID 349 : Performance Degradation of CIGS Photovoltaic Modules by Light Soaking and Reverse Bias Adel MELLIT,; Sofiane BOULHIDJA, Jijel Univ

<b>Date December 13<sup>th</sup>, 2015</b>	<b>Room 4</b>
<b>Track: Power Engineering Session: Renewable energy Systems 1</b>	<b>Session Chair: Prof. S. Mekhilef and Dr. R. Tala Ighil</b>
13:30-13:50	ID 88: Control of Grid Connected Photovoltaic System Using Dual Three-Level Stage Conversion Abdelmalik ZORIG, Mohammed BELKHEIRI , Univ. Laghouat ; Said BARKAT, M'sila University.
13:50-14:10	ID 90 : Analysis and Control of a Cascade Multi-MPPT of high power photovoltaic plant nine levels NPC three phase inverter topology Hania ABOUB, Univ. Batna; Madiha MAAMIR, Univ. Biskra
14:10-14:30	ID 125 : New Control strategies of a Small Size Wind Generation System for Battery Charging Messaoud MAYOUF, Tiaret univrsity
14:30-14:50	ID 126 : Fractional order PI controller for grid connected wind energy conevrsion system Antar BEDDAR, Skikda university
14:50-15:10	ID 211 : A Hybrid PSO-PI Based Maximum Power Point Tracking algorithm using Adaptive Sampling Time Strategy. Mostefa KERMADI; A. BERKOUK, ENP
<b>15:10-15:20</b>	<b>Coffee Break</b>
<b>Track: Power Engineering Session: High Voltage Engineering</b>	<b>Session Chair: Dr. R. Tala Ighil and Dr. T. Aouaroune</b>
15:20-15:40	ID 105 : Numerical Simulation of Homogeneous Dielectric Barrier Discharge under Various Applied Voltage Waveforms Ayoub ZOUAGHI; Rabah GOURI; A. MEKHALDI; Nouredine ZOUZOU, ENP
15:40-16:00	ID 129 : Impact of Presence of Water Tree and Microcavities on the Electric Field Distribution in XLPE Insulation Madjid MEZIANI; Abdelouahab MEKHALDI ; madjid TEGUAR, ENP
16:00-16:20	ID 191 : Modeling of Dry Bands Effect on the Flashover Performance of HV insulator Hocine TERRAB, Setif University
16:20-16:40	ID 301 : A Fuzzy Logic Based Approach to Evaluate the Surface Conditions of Ceramic Outdoor Insulators Hocine TERRAB, Setif University
16:40-17:00	ID 424 : Characterization of the electromagnetic field radiated by a lightning rod down conductors Case where the current source is in the top of the down conductors Karim BELHOUL; Slimane BOUAZABIA, USTHB

<b>Date December 13<sup>th</sup>, 2015</b>	<b>Room 5</b>
<b>Track: Computer systems and applications Session: FPGA-based Systems</b>	<b>Session Chair: Prof. R. Beguenane and Dr. A. Ouadi</b>
13:30-13:50	ID 93: Communication-time Hardware Accelerator for Data Sort and Priority Management Valery SKLYAROV; Iouliia SKLIAROVA, University of Aveiro, Portugal
13:50-14:10	ID 116: Implementation of LBP based Image MosaicingAlgorithm on FP GA Using Nios II Softcore Abdelhai LATI; Zohir IRKI ; Samir SAKHI; Abdelkrim NEMRA; Mustapha HAMERLAIN, EMP

<b>14:10-14:30</b>	<b>ID 271: FPGA Implementation of Novel Analog Hyperchaotic Synchronization</b> Said SADOUDI, EMP; Camel TANOUGAST, Lorraine university
<b>14:30-14:50</b>	<b>ID 285: Technolog-independent Approach for FPGA and ASIC implementations</b> Faroudja ABID; Nouma IZEBOUDJEN, CDTA
<b>14:50-15:10</b>	<b>ID 439: Finding the Best FPGA Implementation of the DES Algorithm to Secure Smart Cards.</b> Karima DICHOU; Victor TOURTCHINE; Fayçal RAHMOUNE, University of Boumerdes
<b>15:10-15:20</b>	<b>Coffee Break</b>
<b>Track: Control systems Engineering</b> <b>Session: Robotics 1</b>	<b>Session Chair: Dr. H. Belaidi and A. Mohamed Sahnoun</b>
<b>15:20-15:40</b>	<b>ID 202 : Adaptive Neuro-Fuzzy Control for trajectory tracking of a wheeled Mobile Robot</b> Aissa BEN CHERIF; Fatima CHOUIREB, Univ. Laghouat
<b>15:40-16:00</b>	<b>ID 210 : Dynamics Of Car-Like Robots With Trailers, Application To Skid And Jack-Knife</b> Ahmed BOUZAR ESSAIDI; Bachir MENKOUZ ; Moussa HADDAD, ; Taha CHETTIBI, EMP.
<b>16:00-16:20</b>	<b>ID 216 : Trajectory planning of unmanned ground vehicles evolving on an uneven terrain with vertical dynamic consideration</b> Bachir MENKOUZ; Ahmed BOUZAR ESSAIDI ; Moussa HADDAD; taha CHETTIBI, EMP; Faïz BENAMAR, Institut des Systèmes Intelligents et de Robotique.
<b>16:20-16:40</b>	<b>ID 228 : Autonomous Navigation with Obstacle Avoidance of Tricycle Mobile Robot Based on Fuzzy Controller</b> Nassima MELIK; Nouredine SLIMANE, University of Batna
<b>16:40-17:00</b>	<b>ID 249 : Fractional Order Multi-Controller Design for a Robot Wrist</b> Youcef ZENNIR; Adel MAKHBOUCHE; lakhdar BOURAS; Riad BENDIB, Univ. Skikda

<b>Date</b> December 14 <sup>th</sup> , 2015	<b>Conference Hall IGEE</b>
<b>Keynote speaker 3</b>	<b>Session Chairs: Dr. Abdelhakim Khouas and Dr. Abdelhakim Dahimene</b>
<b>8:30-9:15</b>	<b>The application of FPGA in renewable energy systems: trends and future applications Professor Rachid BEGUENANE, Royal Military College of Canada</b>
<b>Keynote speaker 4</b>	<b>Session Chairs: Prof. Hamid Bentarzi and Dr. Aissa Kheldoun</b>
<b>9:15-10:00</b>	<b>The role of power electronics in providing a sustainable energy supply Professor Saad MEKHILEF, University of Malaya, Malaysia</b>
<b>10:00-10:15</b>	<b>Coffee Break</b>
<b>10:15-10:45</b>	<b>Poster Hall Session Chairs: Prof. H. Bentarzi and Dr. R. Tala Ighil</b>
<b>10:45-13:00</b>	<b>LUNCH BREAK</b>

<b>Date</b> December 14 <sup>th</sup> , 2015	<b>Room 1</b>
<b>Track: Telecommunication Engineering Session: Antennas and wave propagation</b>	<b>Session Chair: Prof. A. Azrar and Dr. H. Kimouche</b>
<b>13:00-13:20</b>	<b>ID 117: ABC Optimal Approach for Designing Antennas Broadband Matching Networks Slami SAADI; Bachir ZOUBIRI, university Ziane Achour of Djelfa</b>
<b>13:20-13:40</b>	<b>ID 213: Effects of superstrate layer on the resonant characteristics of superconducting rectangular microstrip patch antenna Sami BEDRA; Tarek FORTAKI,; Randa BEDRA, Univ. Batna; Siham BENKOUDA, Univ. Constantine 1</b>
<b>13:40-14:00</b>	<b>ID 281: A Novel Modified Invasive Weeds Optimization for Linear Array Antennas Nulls Control EL hadi KENANE, Univ. M'sila; Farid DJAHLLI, university of setif 1; Christophe DUMOND, Orleans university</b>
<b>14:00-14:20</b>	<b>ID 351: Evaluation of Polarization Diversity Antenna for Wireless Communication Applications Wafa KROUKA, ENP; Sofia FENNI; Mouloud CHALLAL, univ. Boumerdes; Rabia AKSAS, ENP</b>
<b>14:20-14:40</b>	<b>ID 365: Study of Microstrip antenna using complimentary metamaterial etched in ground plane Faiza MOUHOUCHE ;, Arab AZRAR, IGEE</b>
<b>14:40-15:00</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>15:00-15:20</b>	<b>ID 208: Computational Alignment Methods Application to Biological Real Samples Nahed ZEMOURI; Zoubeida MESSALI, Université of Bordj Bou Arreridj</b>
<b>15:20-15:40</b>	<b>ID 214: Intelligent Audio Watermarking Algorithm using Multi-objective Particle Swarm Optimization Mustapha HEMIS; Bachir BOUDRAA; Thouraya MERAZIEKSEN, USTHB</b>
<b>15:40-16:00</b>	<b>ID 347: Automated Clustering and Estimation of Age Groups from Face Images using the Local Binary Pattern Operator Imed BOUCHRIKA; Ammar LADJAILIA; Nouzha HARRATI; Sofiane KHEDAIRIA, Univ. Souk Ahras</b>
<b>16:00-16:20</b>	<b>ID 348: A time-scale based objective function for EEG signal parameters optimization Asma BOUCHEMA; abdellah Kacha, jijel university; Antoine NONCLERCQ; Francis GRENEZ, Université Libre de Bruxelles</b>
<b>16:20-16:40</b>	<b>ID 411: Impact of Thatcher Illusion, Double Illusion and Inversion on Face Recognition Nadjet RADJI, IGEE</b>

Date December 14 <sup>th</sup> , 2015	Room 2
Track: Control Systems Engineering Session: System Identification and Modeling 1	Session Chair: Dr. A. Kouadri
13:00-13:20	ID 245 : Extended State Observer Based Hierarchical Control for Minirotorcraft UAV Rida MOKHTARI, Abou-Bekr Belkaid university
13:20-13:40	ID 338 : Induction motor state estimation using tuned extended Kalman filter Yahia LAAMARI, M'sila University ; Samia ALLAOUI; kheireddine CHAFAA, Univ. BATNA; Belkacem ATHAMENA, Al Ain University of Science and Technology, UAE
13:40-14:00	ID 350 : Minimal model estimation of glucose absorption and insulin using High Gain Observer Soraya BOUOUDEN, Setif 1 university
14:00-14:20	ID 375 : Transient operation modeling of induction machine using standstill frequency response test Hakim MABREK,; khamel edine HEMSASSE, univ setif
14:20-14:40	ID 413 : Identification of Continuous Time Linear Parameter Varying Models based on Reinitialized Partial Moments Seif eddine CHOUABA; Djamel Eddine CHOUAI BELKHIAI, Sétif 1 univ.; Bilal SARI, Ecole polytechnique de Nantes, St Nazaire, France
14:40-15:00	Coffee Break
Track: Control Systems Engineering Session: Robust and Nonlin. Control Systems 2	Session Chair: Prof. Hariche K.
15:00-15:20	ID 124 : A New Decomposition Strategy Approach Applied for a Multi-Stage Printing System Control Optimization Mohamed Zinelabidine DOGHMANE; Madjid KIDOUICHE; Hassane HABBI, UMBB; Abdelmoumen BACETTI; Brahim BELAHCEN, University of Tlemcen
15:20-15:40	ID 176 : Geometric Control of Bilinear Distributed Parameter Systems Nouara HABRACHE; Ahmed MAIDI, UMMTO
15:40-16:00	ID 313 : Robust Power Control Techniques of PMSG in Wind Turbine with Battery Storage Djalel DIB, University of Tebessa; Bilel MAGHNI, ; Mourad MORDJAOU, Univ. Skikda
16:00-16:20	ID 359 : On Block Roots of Matrix Polynomials Based MIMO Control System Design Belkacem BEKHITI; Abdelhakim DAHIMENE;; Kamel HARICHE,; Anis HAMADOUCHE, IGEE; Bachir NAIL, Univ. Djelfa
16:20-16:40	ID 363 : investigation of the effect of design aspects on the dynamic control of a binary distillation column Riad BENDIB; Hamid BENTARZI, UMBB; Youcef ZENNIR, Univ.skikda

Date December 14 <sup>th</sup> , 2015	Room 3
Track: Power Engineering Session: Renewable energy Systems 2	Session Chair: Prof. S. Mekhilef and Dr. R. Tala Ighil
13:00-13:20	ID 137: The control voltage at the output of asynchronous generator connected to a PWM rectifier for the conversion of wind energy Toufik LADDI, ALGERIA
13:20-13:40	ID 239: Direct Power Control (DPC) of PMSG based Wind Energy Conversion System. Fateh LOUAR, ; Ahmed OUARI; Amar OMEIRI, Annaba University; Fawzi SENANI, University Of Constantine 1
13:40-14:00	ID 327 : Studies of voltage collapse phenomenon with the placement of wind turbine Loubaba BEKRI, Saida University
14:00-14:20	ID 342 : Evaluation of the Performance of PV Modules in Algeria Amira BALASKA,; Ali TAHRI; Amine BOUDGHENE STAMBOULI ; USTO, Takashi OOZEKI, the national institute of advanced industrial Tsukuba. Japan (AIST)
14:20-14:40	ID 432 : Performance Prediction of a Grid-Connected Photovoltaic Plant Moufida BOUZERDOUM; Mellit Adel, Jijel Univ

<b>14:40-15:00</b>	<b>Coffee Break</b>
<b>Track: Power Engineering</b> <b>Session: Energy efficiency and Fault Detection</b>	<b>Session Chair: Prof. H. Bentarzi</b>
<b>15:00-15:20</b>	<b>ID 33: Application of Particle Swarm Optimization Based Neural Network to Fault Classification</b> <b>Salah Sabry DAIBOUN SAHEL; Mohamed BOUDOUR, LSEI-USTHB</b>
<b>15:20-15:40</b>	<b>ID 206 : Hilbert Huang Transform and Pattern Recognition to detect defects in induction motor</b> <b>Nassima HAMDAD, University of Mouloud Mammeri Tizi Ouzou</b>
<b>15:40-16:00</b>	<b>ID 390 : Contributions to Diagnosis and Fault Tolerant Control Based on Proportional Integral Observer: Application to a Doubly-Fed Induction Generator</b> <b>Samir ABDELMALEK, Unité de Développement des Equipments</b>
<b>16:00-16:20</b>	<b>ID 415 : Safety Assessment of Electrical Power Supply Systems Using Fault Tree Analysis Method</b> <b>Rabah BENABID, USTHB</b>
<b>16:20-16:40</b>	<b>ID 440 : ANN-Based Fault Diagnosis Technique for Photovoltaic Strings</b> <b>Adel MELLIT, Jijel Univ</b>

<b>Date December 14<sup>th</sup>, 2015</b>	<b>Room 4</b>
<b>Track: Control Systems Engineering</b> <b>Session: Robust and Nonlin. Control Systems 1</b>	<b>Session Chair: Pr. Hariche K.</b>
<b>13:00-13:20</b>	<b>ID 276 : Robust H2-PSS Design Based on LQG Control Optimized by Genetic Algorithms</b> <b>Djamel eddine GHOURAF Abdellatif NACERI,</b>
<b>13:20-13:40</b>	<b>ID 312 : Robust Coordinated Design of PSS and SVC for Damping Power System Oscillations Using Metaheuristic</b> <b>Abdelmalek GACEM, Univ Biskra; Djilani BENATTOUS, univ. El-Oued</b>
<b>13:40-14:00</b>	<b>ID 354 : Nonlinear Control of Permanent Magnet Synchronous Machine using Feedback Linearization and Sliding Mode Control</b> <b>Benali MAZARI; Mazari BEN YOUNÉS; khadidja KENDOUCI, USTO</b>
<b>14:00-14:20</b>	<b>ID 391 : A Robust Sensorless SMC of PMSM based on Sliding Mode Observer and Extended Kalman Filter</b> <b>Lakhdar SAIHI, École nationale polytechnique</b>
<b>14:20-14:40</b>	<b>ID 403 : Design of Robust LQR Control for DC-DC Multilevel Boost Converter</b> <b>Rochdi Bachir BOUIADJRA; AEK H. BOUZIANE; MED B. DEBBAT, Univ. of Mascara</b>
<b>14:40-15:00</b>	<b>Coffee Break</b>
<b>Track: Power Engineering</b> <b>Session: Power Electronics</b>	<b>Session Chair: Prof. S. Mekhilef and Dr. A. Kheldoun</b>
<b>15:00-15:20</b>	<b>ID 11: Three-level three-dimensional SVM with a simplified algorithm of three-level four-leg diode-clamped inverter</b> <b>Mansour BOUZIDI, Univ.Ouargla; Abdelkader BENAÏSSA; Saber BOUAFIA, Univ. Sidi Bel Abbes; Said BARKAT, M'sila University</b>
<b>15:20-15:40</b>	<b>ID 34: Experimental and Simulation Studies of a Two Output Series Resonant Inverter</b> <b>M'hamed HELAIMI; Rachid TALEB; Fayçal CHABNI; Mohamed Rafik FELLAGUE; Amina ZAGGAOUI, University of Chlef</b>
<b>15:40-16:00</b>	<b>ID 290 : Power Quality Improvement using a Three Dimensional Space Vector Modulation with SRF theory for Three Level Neutral Point Clamped Four Leg Shunt Active Power Filter Controlling in dq0 axes</b> <b>Ali CHEBABHI; Mohammed K. ; Mohammed Karim FELLAH, Univ. Sidi Bel-Abbes; Mohammed Fouad BENKHORIS, IREENA Univ. of Nantes at Saint Nazaire France; Abdelhalim KESSAL, Univ. Bordj Bou Arreridj</b>

16:00-16:20	<b>ID 418: Control of Dynamic Voltage Restorer using Three-level Diode-Clamped Inverter</b> Abderrahim TELLI; said BARKAT, msila university
16:20-16:40	<b>ID 419: Selective Harmonics Elimination PWM applied to Multilevel Four-Legs DC/AC Converter Based on Cuckoo Search Optimization</b> Abdellah KOUZOU, univ. DJELFA

<b>Date December 14<sup>th</sup>, 2015</b>	<b>Room 5</b>
<b>Track: Telecommunication Engineering</b> <b>Session: Information theory and coding</b>	<b>Session Chair: Dr. A. Dahimene and A. Daamouche</b>
13:00-13:20	<b>ID 16: Multiple Description Image Coding Using Contourlet Transform</b> Amina NAIMI; Kamel BELLOULATA, University Djillali Liabes
13:20-13:40	<b>ID 218: Analysis of CFAR Detection with Multiple Pulses Transmission Case in Pareto Distributed Clutter</b> Amar MEZACHE; Mohamed SAHED, M'sila university
13:40-14:00	<b>ID 258: Bitmask and SPIHT based PCG signal compression</b> Ahmed BENDIFALLAH; Redha BENZID; Mohamed BOULEMDEN, Univ. Batna
14:00-14:20	<b>ID 373: A large scale IP Network traffic Matrix Estimation based on ANN, a comparison study on training Algorithms</b> Choukri BENHAMED; Slimane MEKAOUI, USTHB
14:20-14:40	<b>ID 394: Spreading Codes Performances Comparison in Terms of BER in AWGN Channel</b> Sabrina BOUKERMA; Khaled ROUABAH; Salim ATIA, University of BBA; Djamel CHIKOUCHE, university M'sila
<b>14:40-15:00</b>	<b>Coffee Break</b>
<b>Track: Telecommunication Engineering</b> <b>Session: Pattern recognition 1</b>	<b>Session Chair: Prof. D. Bouchaffra and Dr. A. Khouas</b>
15:00-15:20	<b>ID 26: Classification of normal and abnormal heart sounds using new mother wavelet and support vector machine</b> Mohamed AZMY, Alexandria University
15:20-15:40	<b>ID 35: Features Extraction and Classification of ECG beats using CWT combined to RBF neural network optimized by Cuckoo search Via Levy Flight</b> Amel HARKAT; Redha BENZID; Lamir SAIDI, University BATNA
15:40-16:00	<b>ID 52: Simulated Surface EMG Signal as a Function of Physiological and Non physiological Parameters: Analysis and Interpretation</b> Noureddine MESSAOUDI, University of Boumerdes; Raïs El'hadi BEKKA, Université de Sétif 1
16:00-16:20	<b>ID 84: Abnormal behavior detection of jamming signal in the spectrum using a combinaison of compressive sampling and intelligent bivariate k-means clustering technique in wideband cognitive radio systems</b> Ahmed MOUMENA, Universite de Blida
16:20-16:40	<b>ID 97: Denoising sensors signals within mechatronic systems using a Wavelet technique</b> Saber TIHAL, USTHB



Date December 15 <sup>th</sup> , 2015	Conference Hall IGEE
Keynote speaker 3	Session Chairs: Dr. Mouloud Challal, Dr. Daamouche Abdelhamid
8:30-9:15	Exploring Dimensionality Reduction Techniques and Pattern Classification Paradigms Professor Djamel BOUCHAFFRA, CDTA, Algeria
9:15-9:45	Poster Hall Poster Session II Session Chairs: Prof. H. Bentarzi and Dr. A. Ouadi
9:45-10:00	Coffee Break

Date December 15 <sup>th</sup> , 2015	Room 1
Track: Telecommunication Engineering Session: Image and speech processing 3	Session Chair: Dr. A. Dahimene and Dr. L. Sadouki
10:00-10:20	ID 225: Remote Multimodal Biometric Identification Based on the Fusion of the Iris and the Fingerprint Kamel AIZI; Mohamed OUSLIM; Ahmed SABRI, USTO
10:20-10:40	ID 244: Range Doppler Algorithm For Processing Complex Synthetic Aperture Radar Data Issam TIFOUTI, University 08 mai 1945, Guelma
10:40-11:00	ID 256: Comparison Study Between Different Automatic Threshold Algorithms for Motion Detection Kamal SEHAIRI; Fatima CHOUIREB, Laghouat Univ.; Jean MEUNIER, Univ. Montréal
11:00-11:20	ID 304: An Efficient Palmprint Biometric System Based On Progressive Image Compression Djamel SAMAI, University Ouargla; Nouredine DOGHMANE, University - Annaba; Abdelmalk TALEB-AHMED, Valenciennes University – France
11:20-11:40	ID 306: Speech Signal Filtering by Artificial Neural Networks El-Hadi CHERIFI; Mhania GUERTI, Ecole Nationale Polytechnique, Algeria
11:40-13:30	Lunch Break
Track: Telecommunication Engineering Session: RF/Microwave circuits 2	Session Chair: Pr. Ali Elmoussati and Dr. H. Kimouche
13:30-13:50	ID 355: Optimized of Erbium-Doped-Fiber Amplifiers (EDFA) parameters in hybrid Passive Optical Network (WDM/TDM-PON) Systems with 512users Bentahar ATTAOUIA; malika KANDOUCI, university of djilali liabes
13:50-14:10	ID 420: Investigation of monostatic RCS measurement for simple and complex shapes at 9.4 GHz Tarek MAAMERIA, Hocine KIMOUCHE, EMP
14:10-14:30	ID 372: On 60GHz wireless link performance in indoor and outdoor environments based on IEEE 802.15.3c Tarik ZARROUK, National School of Applied Sci; Ali ELMOUSSATI, ENSAO; Moussa ELYAKYAOU, ensa; A. EL OUALKADI, Univ. of Abdelmalek Essaadi, Morocco
14:30-14:50	ID 441: Compact LPF to UWB BPF Transition Employing QuasiTriangular DGS Resonators and a Discontinuity on the Microstrip Feed Line Ahmed Boutejdar, Mouloud Challal, Univ. of Boumerdes, Abdellatif Wael, Ahmed Ibrahim and Edmund Burte
14:50-15:10	ID 442: Extracting of Compact Tunable BPF from LPF Using Single T-DGS-Resonator and 0.25PF/0.5PF Chip Monolithic Ceramic Capacitors Ahmed Boutejdar, Ahmed Ibrahim, Mouloud Challal, Univ. of Boumerdes, Abdellatif Wael and Edmund Burte
15:30-16:00	Closing ceremony

Date December 15 <sup>th</sup> , 2015	Room 2
Track: Control Systems Engineering Session: Fault Detection and Diagnosis 2	Session Chair: Prof. D. Benazzouz and Dr. A. Kouadri
10:00-10:20	ID 280 : Diagnosis of open-circuit fault in a three phase voltage inverter fed induction motor Cherif Bilal DJAMAL EDDINE; Mokhtar BENDJEBBAR ;Azeddine BENDIABDELLAH, USTO

10:20-10:40	ID 294 : Modeling Dangerous and Safe Behaviors Related to Safety Instrumented Systems (SIS) Fares INNAL, Norwegian University of Science and Technology; Mourad CHEBILA, Batna University
10:40-11:00	ID 331 : FAULT OPERATING STRATEGY FOR DOUBLE WHEELED HEV STABILITY Haroune AOUZELLAG; Rabah BABOURI, university of bejaia; bessam AMROUCHE, university of tizi ouzou; djamal AOUZELLAG, kaci GHEDAMSI, university of bejaia;
11:00-11:20	ID 379 : Application of Independent Component Analysis and Optimized Support Vector Machine for Bearing Fault Diagnosis Tawfik THELAIDJIA, University of Guelma
11:20-11:40	ID 410 : Detection of Turn Short Circuit Fault in PMSM Variable Speed based on Adaptive Fuzzy Logic and Sliding-Mode Control Aissa AMEUR, UATL laghouat Algeria; amar BECHKAOUI, Annaba University
11:40-13:30	Lunch Break
Track: Control Systems Engineering Session: Robotics 2	Session Chair: Dr. H. Belaidi and A. Mohamed Sahnoun
13:30-13:50	ID 261 : Mobile manipulator path planning based on artificial potential field: Application on RobuTER/ULM Youcef HARGAS; Adel MOKRANE, UMBB; Abdelfetah HENTOUT, CDTA
13:50-14:10	ID 263 : kinematics and design of a 5 DoF exoskeleton for the rehabilitation of the upper limb Djahid FEKRACHE; guiatni Mohamed, EMP
14:10-14:30	ID 302 : Trajectory Tracking Control of a Wheeled Mobile Robot Using an ADALINE Neural Network Yacine AHMINE; Fatima CHOUIREB; Aissa BENCHERIF, Amar Telidji University
14:30-14:50	ID 346 : Discrete first and second order sliding mode controllers for a pneumatic artificial muscles robot manipulator Ratiba FELLAG, CDTA; Salah LAGHROUCHE, Université de Technologie de Belfort-Montbéliard; Mustapha HAMERLAIN, Laboratoire des Systèmes Numériques
14:50-15:10	ID 398 : The Feedforward Control of Mechatronic System with Backlash Abderrazak LACHOURI; Mohamed ARAB, Skikda University, Algeria
15-30-16:00	Closing ceremony

Date December 15 <sup>th</sup> , 2015	Room 3
Track: Power Engineering Session: Power System Operation & Control	Session Chair: Prof. H. Bentarzi and Prof. N. Benamrouche
10:00-10:20	ID: 292 Effect of cost function & PSO topology selection on the optimum design of PID parameters for the AVR system. Juba ABERBOUR, IGEE; Aissa KHELDOUN, University of Boumerdes; Massinissa GRABA, IGEE, Boumerdes University
10:20-10:40	ID 187 : Finite Time Control of Unified Power Flow Controller for Power Flow Reference Tracking Amar HAMACHE; Mohand BENSIDHOUM, UMMTO; Hachemi CHEKIREB, ENP
10:40-11:00	ID 268 : Modeling and Transient Simulation of Unified Power Flow Controllers (UPFC) in Power System Abdelouahed TOUHAMI, Univ. Bechar; Sid Ahmed ZIDI, Univ. Sidi Bel-Abbes
11:00-11:20	ID 317 : Frequency Stability Enhancement in Power System Using High-Order Sliding Mode Control Abdelmoumène DELASSI; Salem ARIF; Lakhdar MOKRANI, Laghouat university
11:20-11:40	ID 325 : An Efficient BBO Algorithm for Optimal Allocation and Sizing of Shunt Capacitors in Radial Distribution Networks

	<b>Ridha djamel MOHAMMEDI, University of Djelfa</b>
<b>11:40-13:30</b>	<b>Lunch Break</b>
<b>Track: Power Engineering Session: Power system Analysis</b>	<b>Session Chair: Prof. H. Bentarzi and Prof. N. Benamrouche</b>
<b>13:30-13:50</b>	<b>ID 40 : A Probabilistic Load Profile Model for a Distribution Network in Malaysian Scenario Shangari RAVEENDRAN, UNITEN; Nur UMAIRAH Binti Ramli, UNITEN</b>
<b>13:50-14:10</b>	<b>ID 91 : Protection of 25Kv Electrified railway system Farid ACHOURI; Imed ACHOURI; mabrouk KHEMLICHE, Setif univ.</b>
<b>14:10-14:30</b>	<b>ID 203 : A New Framework of Numerical Distance Relay Using LabVIEW Ayache MATI; Hamid BENTARZI; Merouane BEGBAGUI, IGEE</b>
<b>14:30-14:50</b>	<b>ID 408: Modeling and Simulation of a High-Frequency Planar Power Transformers Aymen AYMEN, Hp</b>
<b>14:50-15:10</b>	<b>ID 427 : Distribution Network Reconfiguration Using Cuckoo Search Based Optimization Abdellah KOUZOU, DJELFA</b>
<b>15:30-16:00</b>	<b>Closing ceremony</b>

<b>Date December 15<sup>th</sup>, 2015</b>	<b>Room 4</b>
<b>Track: Power Engineering Session: Smart grids</b>	<b>Session Chair: Dr. A. Khouas and Dr. A. Ouadi</b>
<b>10:00-10:20</b>	<b>ID 340: Model-Based Energy Management Strategy for Hybrid Electric Vehicle Haroune Aouzellag, ; hassina ABDELLAOUI, ; Koussaila Iffouzar, kaci GHEDAMSI University of bejaia;</b>
<b>10:20-10:40</b>	<b>ID 343 : Energy Management Strategy for Hybrid Electric Vehicle Based on CPIC Under Optimization Haroune AOUZELLAG, Bejaia university; bessam AMROUCHE, university of tizi ouzou; Koussaila IFFOUZAR, kaci GHEDAMSI, Universite de bejaia; hassina ABDELLAOUI, university of tizi ouzou;</b>
<b>10:40-11:00</b>	<b>ID 362 : Dynamic performance enhancement of doubly fed induction generator-based wind farm using photovoltaic solar farm as STATCOM Khaled BENYAHIA*, Laboratory of Electro-Technique</b>
<b>11:00-11:20</b>	<b>ID 406 : Design and Implementation of Single Phase Solar Inverter based on microcontroller 16F628A Larbi NEHARI; Omar FEZAZI; Imen souhila BOUSMAHA; mostefa BRAHAMI, ICEPS laboratory universit� de sidi bel abbes</b>
<b>11:20-11:40</b>	<b>ID 426 : Frequency Control in Off-Grid Hybrid Diesel/PV/Battery Power System Mustapha HABIB, USTHB</b>
<b>11:40-13:30</b>	<b>Lunch Break</b>
<b>Track: Telecommunication Engineering Session: Pattern recognition 2</b>	<b>Session Chair: Prof. D. Bouchaffra and Dr. A. Khouas</b>
<b>13:30-13:50</b>	<b>ID 100 : Investigation of DCT/PCA combined with Kohonen classifier for human identification Fatma zohra CHELALI ; Amar DJERADI, USTHB; Nouredine CHERABIT, ENST</b>
<b>13:50-14:10</b>	<b>ID 158 : Automatic Gaussian Mixture Model (GMM) for segmenting 18F-FDG-PET images based on Akaike Information Criteria Abdelghani TAFSAST, University of Batna; Mohamed Laid HADJILI, High school of computer sciences (HEB-ESI) Brussels, Belgium; Hichem HAFDAOUI, University of Batna; Ayache BOUAKAZ, UMR INSERM U930, Imaging and Brain, University of Tours, France; Nabil Benoudjit, University of Batna, Algeria</b>
<b>14:10-14:30</b>	<b>ID 166 : Regional Accents Recognition based on i-vectors approach: The Case of the Algerian linguistic environment Mourad DJELLAB; Abderrahmane AMROUCHE, USTHB; Nouredine MEHALLEGUE, CRD-GN; Ahmed BOURIDANE, Northumbria University/Newcastle</b>
<b>14:30-14:50</b>	<b>ID 182 : Classification Of Hyperspectral Data using Grey Model Mohamed TOUIL; Imad Eddine BOUDEBZA; Abdelhamid DAAMOUCHE, IGEE</b>

14:50-15:10	<b>ID 222 : A Robust Palmprint Identification System Using Histogram of Oriented Gradients and Multi-classifiers</b> Abdallah MERAOUIMIA, University of ouargla; Salim CHITROUB, USTHB university; Ahmed BOURIDANE, Northumbria University/Newcastle
15:30-16:00	<b>Closing ceremony</b>

<b>Date December 15<sup>th</sup>, 2015</b>	<b>Room 5</b>
<b>Track: Control Systems Engineering Session: Intelligent Control Systems 2</b>	<b>Session Chair: Dr. B. Metidji</b>
10:00-10:20	<b>ID 344 : Modeling and Hybrid Intelligent control double-fed asynchronous machine for supply of power to the electrical network</b> Abdelkarim GUEDIRI, Univ Med Khaider Biskra; Djilani BENATTOUS, Univ. El-Oued
10:20-10:40	<b>ID 360 : Design of Optimal Fuzzy Controllers for Stabilization of a Helicopter Simulator using Hybrid Elite Genetic Algorithm and Tabu Search</b> Nesrine TALBI, Jijel University
10:40-11:00	<b>ID 366 : Fuzzy Self-Tuning PID Controller for Air Supply on a PEM Fuel Cell system</b> Zakaria BAROUD; Mohammed BENMILOUD; Atallah BENALIA, LACoSERE laboratory
11:00-11:20	<b>ID 241 : Robust Fuzzy-model based controller with sliding mode control for multi-machine power systems</b> Amel ABBADI, UNIV MEDEA; lazhari NEZLI, enp alger; Djamel BOUKHETALA, ; Fethia HAMIDIA, Medea University
11:20-11:40	<b>ID 383 : A Fuzzy Model Predictive Control For a DC Motor-Based Photovoltaic Pumping</b> Omar HAZIL, CDER
11:40-13:30	<b>Lunch Break</b>
<b>Track: Control Systems Engineering Session: System Identification and Modeling 2</b>	<b>Session Chair: Pr. Hariche K.</b>
13:30-13:50	<b>ID 69 : Joint variational Bayesian extended Kalman filter for the estimation of the metabolic/hemodynamic model</b> Toufik BOUDEN ; Mohammed BOUREGHDA, NDT Laboratory, Automatic Depart.
13:50-14:10	<b>ID 140 : Polytopic Observers for the Estimation of Time-Varying Delays of Discrete-Time Polynomial Chaotic Systems</b> Meriem HALIMI, Khaled BENKOUIDER ; LAJ, Université de JIJEL,
14:10-14:30	<b>ID 152 : Estimating the Time Response of Control Systems with Fractional Order PI from Frequency Response</b> Nusret TAN, Inonu University; Derek ATHERTON, Sussex University; Ali YÜCE, Inonu University; Furkan DENIZ, Inonu University, Turkey.
14:30-14:50	<b>ID 200 : Ultrasonic Parameter Estimation Using the Maximum Likelihood Estimation</b> Soufiane LADDADA; Safia LEMLIKCHI, CDTA; Hakim DJELOUAH , USTHB; Mohammed.Ouali SI-CHAIB , UMBB
14:50-15:10	<b>ID 240 : State Estimation of Nonlinear Distributed Parameter Systems Based on the Tangent Transformations</b> Dyhia BENAMEUR; Ahmed MAIDI; Saïd DJENNOUNE, UMMTO
15:30-16:00	<b>Closing ceremony</b>

#### Poster Session Papers

<b>Poster Session I</b>	<b>Poster Session II</b>
<b>ID: 1 Effects of Voltage Disturbances on Induction Motors and Adjustable Speed Drives.</b> Fatma Zohra DEKHANDJI; Hamid BENTARZI; Abdelmadjid RECIOL, University of Boumerdes	<b>ID: 393 Perceptual blur detection and assessment in the DCT domain</b> Fatma KEROUH, IGEE, USTHB; Amina SERIR, USTHB

<p><b>ID: 4</b> Measurements Control and Instrumentation of Metering Gas System. Abdelkader HARROUZ; Ali BENATIALLAH, Omar HARROUZ university of adrar;</p>	<p><b>ID: 20</b> Sensorless Vector Controlled Induction Motors using Adaptive Observation. Djilali KOUCHIH, Blida University; Nouredine BOUMALHA; Mohamed TADJINE; Mohamed Seghir BOUCHERIT, National Polytechnic School</p>
<p><b>ID: 44</b> Wind Power Impact in the Environmental/Economic Dispatch. Ismail ZIANE, farid BENHAMIDA; amel GRAA, ; yacine SALHI</p>	<p><b>ID: 27</b> The interest of FACTS to improve voltage and losses reduction in the western Algerian network 2012. Hocine GUENTRI, SBA UNIVERSITY; fatiha Lakdja, Saida university; Fatima Zohra GHERBI; Labiba ADJOUDJ, sba university</p>
<p><b>ID: 56</b> Efficient Implementation of AES S-box in LUT-6 FPGAs. Nadjia ANANE, CDTA</p>	<p><b>ID: 30</b> Electric Field Radiated by a Cross Form Grounded Electrode. Walid CHETTIBI, University of Science and Tech</p>
<p><b>ID: 62</b> New Setup of Surface Potential Decay Karim ROUAGDIA; Mohamed NEMAMCHA, universit� de GUELMA; Lazhar HEROUS, Universit� d'ANNABA; Lucian DASCALESCU ,universit� de Poitiers; Hamza MELLOUKI, universit� de GUELMA</p>	<p><b>ID: 41</b> Thermal Aging Effects on the Surface Potential Under Electron Beam Irradiation (SEM) of XLPE Insulation Cables. Larbi BOUKEZZI, University of Djelfa; S�bastien RONDOT; Omar JBARA, University of Reims; Ahmed BOUBAKEUR, ENP</p>
<p><b>ID: 66</b> CFD Modeling of Convective Heat Transfer in a Nanofluid Single-Phase Model. Asma LAMRI ZEGGAR</p>	<p><b>ID: 45</b> Combined Economic Emission Dispatch With New Price Penalty Factors . Ismail ZIANE, Irecom laboratory, dept. of el; Farid BENHAMIDA; Amel GRAA; Yacine SALHI,</p>
<p><b>ID: 78</b> Implementation of Smart Interface Subsystems for Enhanced Control and Communication in Smartgrids. Amini NTAKIRUTIMANA, CMU-Rwanda; Taha Selim USTUN, CMU</p>	<p><b>ID: 70</b> Virtual Flux DPC of Three-level Multi-terminal VSC-HVDC System Using Backstepping Controller. Ahmed REGUIG BERRA; Said BARKAT, msila unversity ; Mansour BOUZIDI, University Kasdi Merbah, Ouargl</p>
<p><b>ID: 86</b> Design of Geographical Information System for Managing the Urban Road Network. Malika BENDOUDA, USTO</p>	<p><b>ID: 123</b> Comparative Analysis of Single and Double PI Speed Controlled DC Drive Performance Improvement using Mini-Max Approach. Yassine YAKHELEF, University of Boumerdes; Messaoud BOULOUEH; Sofiane MENDACI, university of Guelma</p>
<p><b>ID: 92</b> Operating modes of automated production systems: problems and assistance tool. Mohamed MABROUK, Mahdia ISSAT</p>	<p><b>ID: 128</b> Matrix converter SVM control implementation on DSP/CPLD. Brahim METIDJI, IEEE; Rebiha METIDJI, bejaia university</p>
<p><b>ID: 107</b> Torque Ripple Reducing in RMS based on Winding Function Theory and 3D Finite Element Methods. Boubakar FARADJI, Universit� Amar T�lidji ; Abdellah KOUZOU, DJELFA</p>	<p><b>ID: 133</b> Reactive power compensation in three-phase four-wire distribution system using four-leg DSATATCOM based on symmetrical components. Saber BOUAFIA; Abdelkader BENAÏSSA, University of Djilali Liabes, Sidi Bel Abbes; Said BARKAT, M'sila University; Mansour BOUZIDI, University Kasdi Merbah, Ouargl</p>
<p><b>ID: 139</b> Short Circuit Current Contribution of Distributed Photovoltaic Integration on Radial Distribution Networks. Mourad NAIDJI; Mohamed BOUDOUR, LSEI-USTHB</p>	<p><b>ID: 136 A</b> DCT-Based Algorithm for Multi-Channel Near-lossless EEG Compression Mohamed MAAZOUZ, University of M�d�a; Billel BENGHARBIA, UYFM; Abdelmoughni TOUBAL, UYFM; Nejmeddine BAHRI, LETI; Nouredine BATEL, University of M�d�a</p>
<p><b>ID: 156</b> Study of the effect of the CuO in the dielectric properties of the nanocomposites Epoxy resin /BaTiO3. Haddi BAKHTI, Universit� de M'sila; Nacereddine BOUZIT; Nacereddine BOUROUBA, Universit� de S�tif-1; Miloud BENTOUMI, Universit� de M'sila Alg�rie</p>	<p><b>ID: 142</b> Optimization of Grounding System of 60/30 kV Substation of Ain El-Melh using GAO. Benamrane ALIK, Laboratoire de Recherche en El; Abdelouahab MEKHALDI ; Madjid TEGUAR, Ecole Natioanale Polytechnique; Youcef KEMARI, Laboratoire de Recherche en Electrotechnique, Ecole Nationale Polytechnique</p>
<p><b>ID: 157</b> One-dimensional Parametric Study of Damage Detection in a Solid Material using a Nonlinear Wave Modulation Spectroscopy (NWMS) Technique Nesrine HOUHAT, Welding and NDT center csc; Tarek BOUTKEDJIRT, Faculty of Physics, USTHB; Vincent TOURNAT, LAUM, CNRS UMR 6613, Universit� du Maine</p>	<p><b>ID: 153</b> Simulation study of cavity length of Quantum Well Laser. Khadoudja AOUNI , UNI CONSTANTINE</p>

<p><b>ID: 170</b> Contribution to the Study of piezomagnetic Materials. Amar REGAZ, Laghouat University; Larbi BOUKEZZI, University of Djelfa; Boubakeur ZEGNINI; Djillali MAHI, University of Laghouat</p>	<p><b>ID: 161</b> Impulsive Acoustic Source Localization Via Wireless Sensor Imote2. Hamza LOUZRI, EMP; Abdelmadjid MAALI, Ecole Militaire Polytechnique; Geneviève BAUDOIN, Université Paris Est, ESIEE Paris</p>
<p><b>ID: 172</b> Comparison Study Between the Terminal Sliding Mode Control and the Terminal Synergetic Control Using PSO for DC-DC Converter. Hadjer ABDERREZEK, University amar telidji</p>	<p><b>ID: 167</b> 3D Interaction techniques using gestures recognition in virtual environment. Assia MESSACI, CDTA</p>
<p><b>ID: 198</b> The implementation of SCADA open protocol IEC60870-5-101 on ARDUINO UNO board. Sarrah SMAIAH, ENST; Tarek CHERIFI, Ecole Nationale Polytechnique ; Ahmed KHELLAF, ENST</p>	<p><b>ID: 174</b> Auto-tuning of Fractional-Order PI Controller Using Particle Swarm Optimization for Thermal Device. Fouad MAAMIR, Usthb; Mohamed GUIATNI, Control Laboratory, Ecole Militaire Polytechnique, Algiers, Algeria 16111; Hachmi HADJ MIHOUB, ; Ali DALI , Centre de developement des energies renouvelables CDER</p>
<p><b>ID: 204</b>The Impact of PLL Loop Bandwidth on Frequency Synthesizer's Performances for LTE/ LTE-Advanced Mobile Communications. Zakia BERBER, University of tlemcen; Samir KAMECHE, university of tlemcen</p>	<p><b>ID: 177</b> Energy Management and control of a Solar Electric Vehicle. Abdechafik HADJADJ, university of laghouat; Bachir BENDJEDIA, University of Laghouat</p>
<p><b>ID: 212</b> Robust adaptive maximum power capture control scheme for a PMSG based WECS. Sabri BOULOUMA, Udes; Hocine BELMILI, udes; Salim LABIOD, LAJ, Faculty of Science and Technology, Jijel University, Aissa OULED, BP. 98, 1</p>	<p><b>ID: 226</b> Control of Wind Turbine Driven a Permanent Magnet Synchronous Generator Using Backstepping-MTPA Strategy Control. Ibrahim GUENOUNE*, IRCCyN (Nantes), LAT (Tlemcen); Alain GLUMINEAU, IRCCyN; Ali CHERMITTI, URMER (Tlemcen); Franck PLESTAN</p>
<p><b>ID: 220</b> PSO based Direct Power Control of grid connected photovoltaic system . Nadjwa CHETTIBI, Jijel university</p>	<p><b>ID: 252</b> Direct torque controlled Dual Star Induction Motors (in open and closed loop). Fethia HAMIDIA, Medea University; Amel ABBADI, UNIV MEDEA</p>
<p><b>ID: 223</b> Modeling and Power Management Control of the Photovoltaic and Fuel Cell/Electrolyzer System for Stand-Alone Applications. Nabil BENYAHIA; Hakim DJOUDI; Abderezak BADJI; Mustapha ZAOUIA; Nacereddine BENAMROUCHE; Hakim DENOUN, Mouloud Mammeri University of Tizi-Ouzou</p>	<p><b>ID: 264</b> CSP Features Extraction and FLDA Classification of EEG-Based Motor Imagery for Brain-Computer Interaction. Sid Ahmed BELHADJ, University of Science and Tech; Nawal BENMOUSSAT, University of Science and Technology of Oran - Mohamed Boudiaf; Mohamed DELLA KRACHAI,</p>
<p><b>ID: 234</b> Active and Reactive Power Control of DFIG using PI and DPC controllers. Fawzi SENANI, University of Constantine 1; abderezak Rahab,; Fateh LOUAR, 1University of Badji Mokhtar A; Fares BOUROUROU ; hocine BENALLA,</p>	<p><b>ID: 278</b> Dynamic detection of anomalies in crowd's behavior analysis. Hocine CHEBI, Ecole militaire polytechnique</p>
<p><b>ID: 248</b> Numerical Modeling of Electromagnetic Interaction between a Radio Frequency Sources And the Human Body. Lazhar BOUALI, Enp algerie; mohammed DEJENNAH, ENP/ELHARRACCH AGER; Redouane TAHMI, enp</p>	<p><b>ID: 298</b> Channel Shortening Equalizer Based on SVD Decomposition in UWB Systems. Noureddine BENOTMANE BENAMARA, TTNS Laboratory, University of; SidAhmed ELAHMAR, LTTNS Laboratory, University of Djillali Liabes, Sidi Bel Abbes; Iyad DAYOUB, Université Lille Nord de France</p>
<p><b>ID: 251</b> Simulation, Comparison and Analysis of Wireless Sensor Networks Protocols: LEACH, LEACH-C, LEACH-1R, and HEED. Mohammed OMARI, University of Adrar; Soumia LAROUI, University of Adrar, Algeria</p>	<p><b>ID: 311</b> Glottal Source Estimation Based on Bivariate Empirical Mode Decomposition. Mina KEMIHA, Jijel university; Abdellah KACHA, jijel university</p>
<p><b>ID: 287</b> Multiband Microstrip Antenna Array for Modern Communication Systems. Hamza AKSAS, EMP; H. KIMOUCHE, EMP; Mouloud CHALLAL, university of Boumerdes; Khelil FERTAS, ESM; Rabie AKSAS, ENP</p>	<p><b>ID: 319</b> A solid state high voltage-pulsed electric field generator for application in food processing. Mohammed Hamza BERMAKI, University of Djillali Liabes; Abdelkader SEMMAK ; Matej REBERSEK, Laboratory of biocybernetics, University of Ljubljana, Slovenia; Yassine BELLEBNA, Djillali Liabes Univesity; Damijan MIKLAVČIČ, Laboratory of biocybernetics, University of Ljubljana, Slovenia; A. Tilmatine, Univ. Sidi Belabbes</p>

<p><b>ID: 288 An Optimized Shaped Antenna for Multiband Applications Using Genetic Algorithm.</b>  <b>Khelil FERTAS, ESM; H. KIMOUCHE, EMP;</b>  <b>Mouloud CHALLAL, university of Boumerdes; Hamza Aksas, EMP; Rabie AKSAS, ENP</b></p>	<p><b>ID: 326 Artificial Neural Networks (ANN) and Genetic Algorithm Modeling and Identification of arc parameter in Insulators Flashover Voltage and leakage Current.</b>  <b>Khaled BELHOUCHE, Setif university; Mohamed EL HADI BENDIB, University SETIF 1</b></p>
<p><b>ID 127 : Wind energy fuzzy power system stabilizer</b>  <b>Brahim METIDJI, IEEE; rebih METIDJI, bejaia university</b></p>	<p><b>ID: 335 Securing Transient Stability Assessment Using Single Machine Equivalent SIME Method.</b>  <b>Youcef OUBBATI, Amar TELIDJI University ; Salem ARIEF, Université Amar Telidji de Laghouat</b></p>
<p><b>ID: 297</b>  <b>Power System Fault Detection, Classification and Location Using the K- Nearest Neighbors.</b>  <b>Abdelmadjid RECIQUI; Hamza KHALFALLAH;</b>  <b>Brahim BENSEGHIER, University of Boumerdes</b></p>	<p><b>ID: 337 Coupling Series Two five-phase Asynchronous Machine Powered By a Single Voltage Inverter.</b>  <b>Samir ABBAR, Djilali Liabbes University</b></p>
<p><b>ID: 316 sliding mode Observer control founded to series multi-cell converter.</b>  <b>Mohamed-Redha SKENDER; Abdelhalim Tlemceni, university of MEDEA</b></p>	<p><b>ID: 369 Extraction of solar cell parameters using genetic algorithm.</b>  <b>Abdelghani HARRAG; Sabir MESSALTI, Msila university; Abdelhamid LOUKRIZ, polytechnic ENP.</b></p>
<p><b>ID: 115 DC and RF characteristics of AlGaN/GaN HEMT and MOS-HEMT</b>  <b>Zine-eddine TOUATI, Zahra HAMAIZIA, University of Biskra; Messai ZITOUNI, University of BBA</b></p>	<p><b>ID: 374 Performance and Security Evaluation of Palmprint Biometric Templates.</b>  <b>Imen BOURAOUI; fatiha MERAZKA, USTHB</b></p>
<p><b>ID: 328 Analytical investigation of analog/RF performance of gate-all-around junctionless MOSFET including interfacial defects.</b>  <b>Faycal DJEFFAL, University of Batna; Toufik BENTRICA, LEPCEM; Hichem FERHATI, Department of Electronics, University of Batna</b></p>	<p><b>ID: 377 Improved Controlled Start-up Stochastic LDPC Decoder for Efficient FPGA-based Implementation.</b>  <b>Ghania ZERARI; Abderrezak GUESSOUM, University of Blida</b></p>
<p><b>ID: 361 Dual Inverter Based Battery Energy Storage for Grid Connected wind turbine Systems.</b>  <b>Ali BERBOUCHA; Kamel DJERMOUNI; Kaci GHEDAMSI; Djamel AOUZELLAG, BEJAIA University</b></p>	<p><b>ID: 380 Implementation of a Predictive DTC-SVM of an Induction Motor .</b>  <b>Mohamed CHEBAANI; Amar GOLEA; Mohamed Toufik BENCHOUIA , Mohamed khider Biskra</b></p>
<p><b>ID: 367 Super Twisting Sliding Mode MPPT Control of an IM based Wind Energy Conversion System.</b>  <b>Xinyi LIU, Université de Technologie de B; Salah LAGHROUCHE, Université de Technologie de Belfort-Montbéliard; Mohamed HARMOUCHE ; Ratiba FELLAG, CDTA; Maxime Wack,</b></p>	<p><b>ID: 387 Voice Interaction Using Gaussian Mixture Models for Augmented Reality Applications.</b>  <b>Mahfoud HAMIDIA; Nadia ZENATI; Hayet BELGHIT; Kamila GUETTINI; Nouara ACHOUR, CDTA/USTHB</b></p>
<p><b>ID: 384 Direct Power Control of Three -level PWM Rectifier under Unbalanced and harmonically Distorted Grid Voltage Conditions.</b>  <b>Billel KAHIA, Setif</b></p>	<p><b>ID: 397 Improvement of Ensemble Empirical Mode Decomposition by a Band-Limited White Noise.</b>  <b>Wahiba MOHGUE, university farhat abass setif; Raïs El'hadi BEKKA, Université de Sétif 1</b></p>
<p><b>ID: 385 Electromagnetic Acoustic Transducer for Cracks Detection in Conductive Material.</b>  <b>Housseem BOUGHEDDA; Tarik HACIB, ; mohamed CHELABI, university of jijel; hulusi acikgoz ; yann Le Bihan,</b></p>	<p><b>ID: 417 Hybrid Power Sources System Based on WT-DFIGs/PV/FC Associate with Hydrogen Storage Energy and a Battery System for Microgrid Applications.</b>  <b>Salah TAMALOUZT; Nabil BENYAHIA; Toufik REKIOUA; Abdessemed RACHID, Mouloud Mammeri University</b></p>
<p><b>ID: 402 A bidirectional DC-DC converter fed DC motor for electric vehicle application.</b>  <b>Idris AZIZI, Hammoud RADJELI,</b></p>	<p><b>ID: 423 Histogram-based CT Lesions Image Segmentation using Active Contours.</b>  <b>Aicha Baya GOUMEIDANE, CSC</b></p>
<p><b>ID: 434 Sliding Mode Control of Two-Level Boost DC-DC Converter.</b>  <b>Mohamed B. DEBBAT; Abdelkader H. BOUZIANE;</b>  <b>Rochdi BACHIR BOUIADJRA, University of Mascara</b></p>	<p><b>ID: 430 Trimmed Mean-based Automatic Censoring and Detection in Pareto Background.</b>  <b>Ali MEHANAOU; Toufik LAROUCI; Souad CHABBI, Université des Frères Mentouri, Constantine; Amar MEZACHE, M'sila university</b></p>
<p><b>ID: 437 Modeling and supervision of Hybrid Energy System PV-Wind.</b>  <b>Djalloul ACHOUR; Ahmed CHAIB; Mohamed KESRAOUI; Abderazak BENSMAIL, UMBB</b></p>	<p><b>ID 159 Modeling of Electromagnetic Shielding Properties of Conductive sheet using the matrix formalism</b>  <b>Sidi Mohaemd BENHAMOU, Ecole préparatoire en sciences Tlemcen; Mohammed HAMOUNI; Antonio José Lozano GUERRERO, Grupo de Electromagnetismo y Materia, Dpto. Tecnologías de la Información y las.</b></p>