

CONFERENCE PROGRAM

SUNDAY DECEMBER 2TH, 2018

08:00 - 09:30	Welcome - Registration Location ; University Cultural and Sports Complex
09:30 - 10:00	Opening Ceremony Pr. A. Boutarfaia: President of Mohamed Khider Biskra- University Pr. M. Boumehraz: General Chairman of the Conference Pr. M. Mellas: Dean of Science and Technology Faculty Pr. H. Ghodhbane: Head of the Electrical Engineering Department.
10:00 - 11:00	<u>Plenary Talk1</u> Chairs: Pr. M. Boumehraz, Pr. H. Ghodhbane, Dr. S. Abdedaim
	Title: Integration of Renewable in Futur Power Systems. <u>Pr. M. Boudour</u>
Honorary reception	
Lunch	

SUNDAY DECEMBER 2TH, 2018

ROOM 1

Oral Session S1 / **Electrical Machines and Drives**

Chairs: Pr. S.E. Zouzou, Dr. Youcef Soufi, Dr A. Ghoggal

Time	Code	Title	Author	University
14:00 - 14:15	Pap 111	PCA and LDA Based Faults Detection of Inter-turn Short Circuit in PMSMs.	Mounir Hedef	JIJEL
14:15 - 14:30	Pap 2	Comparative Study Between the Direct Torque Control and Backstepping Control of Induction Motor under Stator Fault Conditions.	Saad Khadar	Djelfa
14:30 - 14:45	Pap 59	A comparative study between sliding mode control (SMC) and hybrid control Fuzzy sliding mode (FSMC) for induction motor.	Rim Feyrouz	Chlef
14:45 - 15:00	Pap100	Fuzzy Logic Based Robust Speed Controller for Five-Phase Interior Permanent Magnet Motor	Fayçal Mehedi	Chlef
15:00 - 15:15	Pap 162	Voltage Sensor-less Based Virtual Flux Control Of DFIG Under Unbalanced Grid.	Imad Merzouk	Djelfa
15:15 - 15:30	Pap 55	A Discontinuous PWM Technique for the Control of Voltage Source Inverter Fed Induction Motor.	Fares Zaamouche	Tebessa

ROOM 2

Oral Session S1 / **Renewable Energy Systems and Energy Storage**

Chairs :Dr.A. Terki, Dr. M. Mohammedi, Dr. R. Saadi

Time	Code	Title	Author	University
14:00 - 14:15	Pap 140	Optimized Feedback Linearization control of Wind turbine System Using Metheuristic Optimization Méthods.	Boureguig Kada	USTO
14:15 - 14:30	Pap 186	Dual stator induction generator controlled by a nonlinear DTC- STSC regulator.	Benakcha Meryem	M'sila
14:30 - 14:45	Pap 105	Hybrid Control of a Dual Rotor Wind Turbine System.	Adil Yahdou	Chlef
14:45 - 15:00	Pap 209	Backstepping MPPT for photovoltaic system.	Assam Boudia	m'sila
15:00 - 15:15	Pap 269	Energy management of a DC hybrid system.	Mohamed Amine Hartani	Bechar
15:15 - 15:30	Pap 191	Comparative Study of Perturb-and-Observe and Incremental Conductance MPPT Methods for PV System	Djalab Aicha	Djelfa

ROOM 3

Oral Session S1 / **Advanced Control**

Chairs: S. Bououden, Pr. A. Abdou, Dr. A. Chelihi

Time	Code	Title	Author	University
14:00 - 14:15	Pap225	An LPV H_{∞} Control Approach of the Quadrotor Attitude with Optimal Weighting Functions and Input Saturation	Seif El Islam Hasseni	Biskra
14:15 - 14:30	Pap 91	Adaptive Sliding Mode Controller and Observer for Altitude and Attitude Control of a Quadrotor	Khaled Telli	Biskra
14:30 - 14:45	Pap238	Further Improvements on Stability Conditions of Delayed Takagi-Sugeno Fuzzy Systems via Wirtinger-Based Integral Inequality	Fayçal Bourahala	Skikda
14:45 - 15:00	Pap235	Optimal Sliding Mode Controller for Attitude Tracking of Flexible Spacecraft.	Somia Hassani	Biskra
15:00 - 15:15	Pap224	Immersion and Invariance Based Adaptive Control Strategy of Uncertain Nonlinear Systems.	Yassine Soukkou	ENP
15:15 - 15:30	Pap107	Design of fractional order prediction-based control approach for stabilizing fractional order chaotic systems	Soukkou Ammar	Jijel

ROOM 4

Oral Session S1 / Image Processing

Chairs: Pr. Z-E. Baarir, Pr. M.Taibi, Pr Z. Messali, Dr.A.Toumi

Time	Code	Title	Author	University
14:00 - 14:15	Pap187	An efficient QIM-based technique for secure image watermarking in the DCT domain	YounesTerchi	Setif1
14:15 - 14:30	Pap5	An Enhanced GWO Algorithm for Solving Block Matching Problem	AbirBetka	Biskra
14:30 - 14:45	Pap181	New Representative SFA Skin Samples for Human Skin Segmentation	OuardaSoltani	Batna2
14:45 - 15:00	Pap243	A Comparative Study of Image De-noising based Wavelet Thresholding Techniques In mammography images	Nasser EdinneBenhassine	Djelfa

ROOM 5

Oral Session S1 / Micro-Electronics

Chairs: Pr. S. Tobbeche , Pr. A. Hocini, Dr. A.Saadoune,

Time	Code	Title	Author	University
14:00 - 14:15	Pap171	Growth of ZnO nanorods by electrodeposition: Structural and morphological Properties	FayssalYnineb	CDTA Alger
14:15 - 14:30	Pap217	ELABORATION AND CHARACTERIZATION OF AN HETEROJUNCTION CuO/ZnO PREPARED BY SOL-GEL METHOD	AbdelhakNouri	Setif1

14:30 - 14:45	Pap150	Optimization of Small-Signal Model of E-mode GaN MOSHEMT by Using Genetic and Simulated Annealing Algorithms	Zine-Eddine Touati	Biskra
14:45 - 15:00	Pap4	Calculation of Electron Swarm Parameters in Ar/H ₂ and Kr/H ₂ Mixtures	Mohamed Mostefaoui	Chlef
15:00 - 15:15	Pap3	Analysis of Ultrasonic Pulse Generated by Piezoelectric Material (LiNbO ₃ Cut Y-X) Using Classifications	Hichem Hafdaoui	Batna2
15:30 - 16:00	Coffee Break Poster Session I (See Appendix)			
16:00 - 16:30	<u>Amphi</u>	<u>Plenary Talk2</u> Chairs: Pr. M. Boumechraz, Pr. A. Ouafi, Pr. Z.E. Baarir <u>Title : Image, Imaging and Deep Learning. Pr. A. Wahabi,</u>		
<u>ROOM 1</u> <u>Oral Session S2/ Electromagnetics</u> Chairs : Pr. L. Alloui, Pr. T. Hacib, Dr. K. Lotfi				
Time	Code	Title	Author	University
16:30 - 16:45	Pap 39	Electromagnetic characteristics of High Voltage Line.	Ayad Nour El Islam	Ouargla
16:45 - 17:00	Pap 141	Modeling of On-Chip Monolithic Micro-Transformer for integrated RF systems	Mokhtaria Derkaoui	inttic Oran
17:00 - 17:15	Pap 151	Degradation Rate Of The Dielectric Properties Of New And Regenerated Insulating Oil After A Electrical Stress.	Leila Safiddine	Blida
17:15 - 17:30	Pap42	High Frequency Electrostatic Aspect Power Transformer	Mohamed Miloudi	Sidi-Bel-Abbes
17:30 - 17:45	Pap221	Modélisation d'un Diélectrique Liquide utilisé en Haute Tension	Fatiha Ansal	Jijel
17:45 - 18:00	Pap 272	Étude MagnétoHydroDynamique des Transformateurs Refroidis.	Farouk Boukhenoufa	JIJEL
<u>ROOM 2</u> <u>Oral Session S2/ Power Electronics and Applications</u> Chairs :Pr. A. Bourek, Dr. L. Zellouma, Dr. Y. Hamoudi				
Time	Code	Title	Author	University
16:30 - 16:45	Pap 92	Backstepping Control for Double Star Induction Machine Fed by Cascaded H-Bridge Multilevel Inverter.	Noureddine Layadi	M'Sila
16:45 - 17:00	Pap 74	Harmonic currents compensation based on Three-phase hybrid shunt active power filter using feedback linearization controller.	Ismail Ghabane	M'Sila
17:00 - 17:15	Pap44	Harmonics Identification and Control of a Shunt Active Power Filter With a Full Neuromimetic Strategy Based on ADALINE for Power Quality Improvement	Ouarda Lahmadi	Batna 2

17:15 - 17:30	Pap 106	Electromechanical Active Filtering of Harmonic Currents Using Synchronous Generator With Structure Modified.	Mahieddine Hacil	Constantine
17:30 - 17:45	Pap134	Design for Reliability of power Inverters for grid connected PV system- A case study	Sara Bouguerra	Boumerdes
17:45 - 18:00	Pap207	improving power quality by using shunt active power filter connected with a photovoltaic system	Benzahia Ayoub	Biskra

ROOM 3

Oral Session S2 / Robotics & Embedded Systems

Chairs : Pr. A. Hafaifa, Pr. L. Abdou, Dr. O. Kraa,

Time	Code	Title	Author	University
16:30 - 16:45	Pap176	Embedded Low-Cost and Low-Consumption 8-CH EEG Acquisition System Based on ADS1299	Hafededdine Bendib	Biskra
16:45 - 17:00	Pap20	EMG Based Control of an Intelligent Wheelchair	Maroua Hamzi	Biskra
17:00 - 17:15	Pap246	Designing Sorting Dates Machine using Embedded System.	Ibtissem Boumaraf	Biskra
17:15 - 17:30	Pap 189	Modular Robots Reconfiguration Planning by means of Linear Genetic Programming	Tarek Ababsa	Biskra

ROOM 4

Oral Session S2/ Signal Processing

Chairs :Pr. A. Ouahabi, Dr.S.Sbaa, Dr. A. Toumi, Dr.S.Zahani

Time	Code	Title	Author	University
16:30 - 16:45	Pap21	Noise Reduction of Electrocardiogram Signals through Multilayer Perceptron Neural Network Trained by Nonlinear Kalman Filters	Sabah Gaamouri	Annaba
16:45 - 17:00	Pap212	Scale-frequency analysis of acoustic microwave signal in piezoelectric materials by the wavelet transforms	Anwar Kateb	Batna2
17:00 - 17:15	Pap131	A Two Sensors Forward Variable Step Size Set-Membership NLMS Algorithm for Blind Speech Quality Enhancement and Noise Reduction	AbdelhakCheffi	Blida
17:15 - 17:30	Pap77	Projected Landweber algorithm and MRI model for SIMS depth profiles restoration	FayçalBoulsina	Guelma
17:30 - 17:45	Pap94	A new stereophonic acoustic echo suppression based on variable step size approach.	MerouaneMessini	Blida

ROOM 5

OralSession S2/ Telecommunications

Chairs : Pr. A.Benakcha, Pr. Z.Zerdoumi, Pr. D. Khedrouche

Time	Code	Title	Author	University
16:30 - 16:45	Pap64	60 GHz Circular polarized patch antenna based on LTCC technology	KhezzarDjamel	M'Sila
16:45 - 17:00	Pap17	Multiband Microstrip Antenna Enhancements for Wireless Applications	MejdaGroun	Biskra
17:00 - 17:15	Pap250	Distributed OS-CFAR System Optimization by using Particle Swarm Technique	Abdeljabbar Seksaf	Biskra
17:15 - 17:30	Pap82	A New Design of Quasi-Elliptic High-Low Microstrip Lowpass Filter using SC-Defected Ground Structure Technique	Mohammed Chetioui	Saida
17:30 - 17:45	Pap195	The Fast-NLMS Algorithm for Acoustic Echo Cancellation with Double-Talk Detection	Islam Hassani	Blida
Free time + Dinner				

MONDAY DECEMBER 3TH, 2018

08:30 - 09:00	<u>Amphi</u>	Plenary Talk3 Chairs: Pr. K. Srairi, Pr. M.R. Mekideche , Dr. M.Hittiri, Dr. R. Boumaraf Title: The electrical vehicle issues; Dr. M. Becherif
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09:00 – 09:30	Coffee Break + Poster Session II (See Appendix)	
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<u>ROOM 1</u>		Oral Session S3 / Electric Power And smart Grid Chairs : Dr. B. Mehdad, Pr. T. Bouktir, Dr. A. Salhi,
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Time	Code	Title	Author	University
09:30 – 09:45	Pap 28	Improved Virtual Synchronous Generator Control Strategy for Distrubuted Generation.	Yacine Dail	Setif 1
09:45 - 10:00	Pap 18	Social Welfare Maximization in a Coordinated Bilateral Electricity Market.	Abdelmadjid Arab	Sidi Bel Abbes
10:00 - 10:15	Pap211	The cascaded doubly fed induction generator in wind energy system	Amar Maafa	Constantine
10:15 - 10:30	Pap234	Simulation, Sizing and Performance Analysis of 1 MW Grid Connected Photovoltaic Power Plant	Aziz Haffaf	Saida
10:30 - 10:45	Pap 125	Volt-VAR Control of The Voltage Unbalance in the Distribution Network under High Penetration of Single-Phase Photovoltaic Disturbance	Bot Youcef	Khemis Miliana
10:45 - 11:00	Pap148	A Novel Optimization Algorithm for Optimal Reactive Power Dispatch: Salp Swarm Algorithm	Souheil Salhi	Biskra

<u>ROOM 2</u>		Oral Session S3/ Electrical Machines and Drives Chairs : Pr. A. Allag, Dr. M. Sahraoui, Dr A. Guerguazi
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Time	Code	Title	Author	University
09:30 – 09:45	Pap26	Stator Fault Detection in The Induction Machine and Comparative Study of Inter-turns Short Circuit and Unbalanced Supply Voltage	Wissam Dehina	Biskra
09:45 - 10:00	Pap108	Fuzzy Fault Diagnosis of Stator winding Short Circuit in Permanent Magnet Synchronous Motors	Mounir Hadeif	JIJEL
10:00 - 10:15	Pap219	Modelling and Control of Switched Reluctance Motor type 6/4	Derradji Ilhem	OUM EL Bouaghi

10:15 - 10:30	Pap78	FPGA-Based Design and Implimentation of Space Vector Modulation for Three phase Three Level NPC Inverter	Abde El Hakim Yakoub Chahed	Ouargla
10:30 - 10:45	Pap52	High-Order Sliding Mode Design Control of Wind Turbine using a New Metaheuristic Bat Algorithm	Maroufi Oussama	Laghouat
10:45 - 11:00	Pap 276	Comparative study between the vector control with PI regulator and second order sliding mode for speed control to improve the electrical performance of the PMSM.	Fatima Zohra Boukahil	Biskra

ROOM 3

Oral Session S3 / Control Applications

Chairs : Pr. N. Terki, Dr. L. Ziet, Dr. A. Soukkou

Time	Code	Title	Author	University
09:30 – 09:45	Pap 135	A New Stability Improvement of Networked Control Systems with Delay Distribution Approach: Less Conservative Results	Mohamed Rouamel	Skikda
09:45 - 10:00	Pap71	Chaos Suppression using Active Control for Fractional Order Induction Motor System with Uncertain Load	Guessas Laarem	Setif
10:00 - 10:15	Pap124	Modeling of The Nonlinear Tubular Solid-Oxide Fuel Cell System Using MISO NARX Fuzzy Model.	Fayssal Ouagueni	M'sila
10:15 - 10:30	Pap23	Performance Improvement of the Speed and Torque Control of IM with DTC Based ANN Strategy for Electric Vehicle	Rabah Araria	Tiaret
10:30 - 10:45	Pap273	Tracking Control for a Floating Interleaved Converter Applied For The Fuel Cell	Okba Kraa	Biskra

ROOM 4

Oral Session S3 / Biometrics

Chairs :Pr. M.Taibi, Dr. D.Semai, , Dr. A. Ouamane

Time	Code	Title	Author	University
09:30 – 09:45	Pap253	Background subtraction using Deep learning methods: Review	Houda Bouaziz	Annaba
09:45 - 10:00	Pap262	An Improved Texture Descriptor for Multi-Object Detection	Houda Bouaziz	Annaba
10:00 - 10:15	Pap252	Video Text Information Detection And Localization In Lecture Videos	Soundes Belkacem	Batna2
10:15 - 10:30	Pap93	Robust Visual Tracking based on Deep Learning and optimized Correlation Filters	Djamel EddineTouil	Biskra
10:30 - 10:45	Pap149	Face Recognition Using Multi-Algorithmic	Mansoura Lemmouchi	Ouargla
10:45 - 11:00	Pap264	Discriminant Analysis for Facial Verification using Color Images	Abdelhakim Chergui	Biskra

<u>ROOM 5</u> Oral Session S3 / Micro-Electronics				
Chairs : Pr. L.Dehimi, Dr. A. Berbadj , Dr. A.Saadoune				
Time	Code	Title	Author	University
09:30 – 09:45	Pap236	A 16 nW CMOS Temperature Sensor Core with 0.5mV/°C sensibility and wide range temperature for RFID Application.	Abdelhakim Megueddem	Biskra
09:45 - 10:15	Pap242	Characterization of FSS Based on a Rectangular Disturbed Metallic Patch Using the WCIP Method	Raouia Saidi	Batna2
10:15 - 10:30	Pap30	Analysis And Reduction Of Em Disturbances From Indirect Lightning Return Stroke On Shielded Cable For The Solution Of EMC Problems	Manel Bidi	Constantine
10:30 - 10:45	Pap203	The epitaxial Titanium Nitride layer deposited onto the MgO substrate used as rear contact for CISE solar cells	Bachir Eddine Messaid	Boumerdes
10:45 - 11:00	Poster Session II (See Appendix)			
<u>ROOM 2</u> Oral Session S4 / Renewable Energy Systems and Energy Storage				
Chairs : Dr. S. Abdedaim, Pr. A. Chaoui, Dr. O. Charrouf				
Time	Code	Title	Authors	University
11:00 - 11:15	Pap 12	PV Energy Assessment under Algeria Weathers Conditions using Si - crystalline and CIS Technologies	Aziz Haffaf	Saida
11:15 - 11:30	Pap 58	Photovoltaic-Hydroelectric Power Storage-Diesel Hybridization Integrated in South Alger	Okba Djelailia	Annaba
11:30- 11:45	Pap 10	Modeling and Comparative Study of Speed Sensor and Sensorless based Maximum Power Tracking Control for PMSG WECS Applications.	Saidi Youcef	Saida
11:45 - 12:00	Pap 24	Characterization of a PV Module at Outdoor Condition in the Desert Region of Ouargla.	Narimane Khelfaoui	Oaurgla
12:00 - 12:15	Pap 109	New hybrid fuzzy-modified perturb and observe technique to solve the deviation problem of MPPT in photovoltaic systems.	Abdelkadir Belhadj Djilali	Chlef
12:15 - 12:30	Pap 126	Control of DFIG Driven by a Wind Turbine using SMC with SVM Inverter.	Youcef Bekakra	El Oued

Appendix

SUNDAY DECEMBER 2TH, 2018

Poster SessionI - Location: Hall Cultural Center

Chairs : Dr. C. Maghrebi, Pr. M. hamimid

Electrical Machines and Drives

Code	Title	Authors	University
Pap 19	Diagnostics, and prognostics of Inter-turn Short- Circuits and Unbalanced Supply Voltage in Induction Machines.	Babaa Fatima	Constantine 1
Pap 104	Comparative study of control strategies for the double fed induction generator.	<u>Said Azzouz</u>	M'sila
Pap 259	Direct Torque Control-Fuzzy Logic Controller (DTC-FLC) of Doubly Fed Induction Machine (DFIM).	Abderrahim Zemmit	M'sila
Pap 128	Sliding Mode Control for Speed of an Induction Motor with Broken Rotor Bars.	Djameleddine Djafar	M'sila
Pap 184	Sensorless MRAS-Based Predictive Torque Control for Induction Motor Drive with Load Disturbance Observer.	Abdelkarim Ammar	Boumerdes
Pap 216	A New Strategy Design of High Efficiency Induction Motor With Closed Rotor Slot.	Oussama Zeghba	M'Sila
Pap132	Automatic Train Protection of Constantine Tramway	Chibani Aziz	Constantine

Chairs : Pr. S.M. Mimoune, Pr. A. Cheriet, Pr. N. Yakhlef

Electromagnetics			
Code	Title	Authors	University
Pap 31	Non-destructive testing technique using a three-phase rotating field	Amrane Cylia	TiZiouZou
Pap 49	Proton Exchange Membrane Fuel Cell Phenomenon Contribution Study.	Boucetta Abir	Biskra
Pap 180	Evaluating the High Frequency Behavior of Grounding Systems of Wind Turbines Under Lightning Strikes.	Rouibah Tahar	Ouargla
Pap 66	Improvement of Hysteresis Loops Under the Frequency Effect in Dynamic Inverse Jiles-Atherton Model.	Ibtissem Belgasmi	M'sila
Pap13	Modeling of Ozone generation using an Oxygen Dielectric Barrier Discharge DBD	Mohammed Habib Allah Lahouel	Chlef
Pap16	One-Dimensional Modeling of kinetic Species in Capacitively Coupled Plasma in Methane	Abdelatif Gadoum	Chlef
Pap116	Investigation of Negative Corona Discharge in Point-Plane Electrode System	E. Ouatah	Bejaia
Pap160	Conducted EMI Reduction in Adjustable Speed Drives System Based on EN55022	Miloudi Mohamed	SBA
Pap182	Modelling of RF Inductively Coupled Plasma Torch	Mokhtar Labiod	Jijel
Pap154	Analysis of the Current-Voltage Characteristics During the Corona Discharge in Wires-to-Plates Electrostatic Precipitator in presence of the solid particles.	Aissou Massinissa	Ain Temouchent
<i>Chairs : Pr. B. Rabehi – Dr. M. Benmedour</i>			
Power Electronics and Applications			
Code	Title	Authors	University
Pap 61	Reducing Ripples Generated from DTC-SVM Control of DFIG using Fuzzy Logic Technique.	Amer Mokhtar	Saida
Pap 222	Towards the degradation and prognosis of the fuel cell	Hayat Lemkak	Biskra

Pap 27	Improved DTC-SVM of Dual Inverter Fed DSIM with Fuzzy Logic Controller.	Mourad Sellah	Djelfa
Pap 129	A Sliding Mode Control for a Five-Level Shunt Active Power Filter Connected to Photovoltaic System.	Yousfi Abdelkader	Khemis Miliana
Pap 277	Apply the Rooted Tree Optimization method in the adjust parameters of the 2 Backstepping with Integral based on the DFIG	Afaf Benamor	BISKRA
Pap37	Performances Evaluation of Series Active Power Filter Systems based on Three and Five-level NPC Inverter Topologies to Compensate Voltage Disturbances	Chennai Salim	CRNB

Chairs : Pr. M. Boumeiraz, Dr. O. Kraa

Control Applications I

Code	Title	Authors	University
Pap265	Gas Turbine Monitoring based on Type-2 Fuzzy Logic for Improving their Control System Availability	Hakim Bagua	Djelfa
Pap177	Improved Trade-off Between Nominal Performance and Robust Stability For Permanent Magnet Synchronous Motor Speed Control based using an automatic selection of adjustable Fractional Weights in the Weighted-Mixed Sensitivity Problem	Toufik Amieur	Ouargla
Pap270	Proposed Power Management for Hybrid (fuel cell/battery) Four Wheel Drive Electric Vehicle	Mohamed Amine Soumeur	Bechar
Pap88	Diagnosis of Stator Inter-turn Short circuits in Induction Motor using Finite Element Method	Khaled Laadjal	Biskra
Pap56	Design of Sliding-mode Controller for Quadrotor using Differential Evolution Algorithm	Hossam Eddine Glida	Biskra

Chairs : Pr. S.Tobbeche, Pr. I.Bouchama, Dr. A.Saadoune

Micro-Electronics

Code	Title	Authors	University
Pap143	Effect of indium composition and i-layer thickness on GaN/InGaN p-i-n solar cell performance	Kim Salah	Biskra

Pap175	ZnO nanorods prepared by sol-gel dip coating technique	Djamel Guitoume	UROP-CDTA
Pap67	Numerical simulation of mono-layer gate dielectric effects on the electrical performance of amorphous indium-tin-zinc-oxide thin film transistor (a-ITZO TFT)	TakiEddineTaouririt	Biskra
Pap32	Monte Carlo simulation of the sputtering deposition of the CdS and CIGS photovoltaic thin films	AbdelkaderBouazza	Tiaret
Pap244	WCIP Method and analytical approach combination for multilayer and inhomogeneous planar structures analysis.	Awatef Djouimaa	Setif1
Pap240	WCIP Method Applied to Modeling an inhomogeneous Multilayer Frequency Selective Surface for Multiband Applications	Ibtissem Adoui	BouredjBouaréridj
Pap245	The Influence of Frequency Parameter to the Resolution of Targets in Gaussian Range-Doppler Algorithm	Ayad Soulef	Guelma
Pap197	Structural and electronic properties of CuGaSe chalcopyrite compound	Ouahab Ali	Adrar
Pap215	Nickel Induced Crystallization Of Amorphous Hydrogenated Silicon Thin Films	Ouafa Benazouz	USTHB
Pap14	The Important Electron Impact Collision Cross Sections with Methane	Abdelatif Gadoum	Chlef
Pap218	Modeling and simulation of poly crystalline zinc oxide thin film transistor under illumination in low temperature	Naceur Soufyane	Biskra
Pap256	Study of transparent oxides ZnO:Co elaborated by the Sol-Gel	Ahmed Redha Khantoul	CRTI
Pap 38	Thermoelectric properties of zinc-blende Al _x Ga _{1-x} N semiconductors	Asmaa Kafi	Saida

MONDAY DECEMBER 3TH, 2018

Poster Session II- Location: Hall Cultural Center

Chairs : Dr. A. Saadi, Dr. S. Abdaim

Renewable Energy Systems and Energy Storage

Code	Title	Authors	University
Pap239	A New Robust Controller design with super -twisting algorithm in Wind Energy Conversion System Based on a DFIG	Tria Fatma	Biskra
Pap 168	Modeling and Control of Variable Speed Wind Turbine using PMSG.	Meriem Otmane Rachedi	Annaba
Pap 231	A comparative study on MPPT techniques for photovoltaic systems operating under fast changing environments.	Assam Boudia	M'sila
Pap 278	Design & Sizing of a Grid Connected PV System Biskra. Algeria	Fouzia Menadi	Biskra
Pap 167	A New Fractional Order Sliding Mode Controller for Direct Power Control of Wind Generator Based on a DFIG.	Fatma Tria	BISKRA
Pap60	An automatic EMI filter design and optimization for photovoltaic system	Beggat Feteh	USTHB
Pap 137	Implementation of SEPIC and Modified SEPIC Converter for Photovoltaic(PV) System Using Perturb and observe (P&O) Algorithm.	Mohamed Farouk Arrouss	Biskra

Chairs : Dr. D. Naimi, Dr. K. Yahia, Dr. M. Rezig

Electric Power And smart Grid

Code	Title	Authors	University
Pap 81	Comparative Study of Different Control Strategies for Three-Phase Shunt Active Power Filter	Ali Teta	Djelfa
Pap 89	Model Predictive Control approach for AC Voltage in Standalone microgrid	Benchabane Imane	Jijel
Pap 201	Using Fuzzy Logic Controller for Prediction the Breakdown Voltage.	Abdelghani Rouini	

Chairs : Pr...N. Terki, Dr. A. Chelihi

Control Applications II

Pap173	Parallel Stator Resistance and Rotor Speed Estimation for adaptive ANFIS Self-Tuning IP Sensorless Vector Control Induction Motor Drives	Soufyane Chekroun	Mascara
Pap57	Head Gesture-based Wheelchair Control.	Hassani Rafia	Biskra
Pap136	LQR Control of Microcoaxial Helicopter Based on a Leunberger observer.	Khelil Sidi Brahim	Biskra

Pap202	Proposition of a Decision Block for the Chaotic Shift Keying CSK Demodulator .	Ahmed Ridha Kihal	Biskra
Pap166	Design of an extended observer for non-linear Lipchitz systems based on the MVT approach under open loop FOC applied to the PMSM	Bilal Hamidani	El Oued
Pap80	A new approach based on neuro-fuzzy controller of a dual star induction machine supplied by multi-level inverters	Zaidi Elyazid	E M Polytechnique

Chairs : Pr. ZE. Baarir, Pr. M. Taibi, Pr. M.Mimi, Dr. S. Sbaa, Dr. S.Zehani

Image & Signal processings & Applications

Code	Title	Authors	University
Pap241	Noise Removal by the Discrete Wavelet Transform in Electrocardiography signal (ECG)	Mohamed Rouis	Biskra
Pap226	BInfluence of filter banks in the hierarchical image compression algorithms	ZitouniAthmane	Biskra
Pap121	Extraction and Tuning of Microwave Bandpass Filter based on Singular Value Decomposition and Space Mapping Techniques	Rachid Bouhmidi	Saida
Pap275	Background Subtraction using a scaled SuBSENSE	Ihssane Houhou	Biskra

Chairs : Pr. A.Benakcha, Dr. K.bekhouche, Dr. F.Diabi, Dr. S.Abdessalem

Electronics & Telecommunications & Applications

Code	Title	Authors	University
Pap159	Adaptive Acquisition Serial Search System of PN Sequence Using smart-Antenna or Multi-Dwell Scheme: A Comparative Study	Benkrinah Sabra	Ouergla
Pap1	Low Power Class D Audio Amplifier using Pulse Width Modulation	Nour El ImaneBellili	Biskra
Pap139	Guichi and Challal. 2-Elements Diversity/MIMO Antenna with Orthogonal Feed for UWB systems	Fella Guichi	Boumerdess
Pap43	The Unequal Error Protection Applied In The Bit Stream With Optimization In The Bit Rate Using Genetic Algorithm (GE)	Mustapha Khelifi	Bechar
Pap115	Elliptical microlens simulation to improve the efficiency of optical fiber coupling for telecommunication applications	BoulaicheNadjiba	Setif1
Pap206	New Algorithm for Reader Collision Avoidance in Dense RFID Environment	HadjerSaadi	USTHB
Pap83	A High Performance Coaxial Bandpass Filter using Efficient Electromagnetic Optimization Techniques	Bouhafsbouras	Saida