



Ministry of Higher Education and Scientific Research

University Badji Mokhtar - Annaba

Faculty of Engineering

Department of Electronics

***International Conference on Automatic control,
Telecommunications and Signals***

CONFERENCE PROGRAM

ICATS'15



**November 16th-18th, 2015
Annaba - Algeria**

<http://www.icats.ws/>

Preface: General Chair

The International Conference on Automatic control, Telecommunications and Signals



Prof Nouredine DOGHMANE
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Welcome to ICATS2015, the International Conference on Automatic control, Telecommunication and Signals (ICATS'15). ICATS2015 aims to provide a discussion forum for scientists, researchers, engineers, and PhD students about the latest research results and technological advances in the fields of theoretical and experimental applications of control engineering, telecommunication and signal processing as well as in emerging areas related to the five tracks of the conference. ICATS'15 looks for significant contributions to various topics.

We have a high program composed of about 130 papers spread over 3 invited oral sessions and 1 poster session for three days from November 16 to 18, 2015. The papers originate from 10 different countries, making this conference the place for learning and interacting with important researchers. A total of 300 papers were submitted, from which 130 papers high quality papers were finally retained (producing an acceptance rate around 44%). The conference will also include five plenary sessions given by world-class speakers in emerging areas related to the five tracks of the conference (robotic, renewable energy, signal processing, communications, and embedded systems). These experts and the title of their talks are **Professor Tarek HAMEL**, who will speak "*on towards a unified approach to the control of aerial vehicles*", **Professor Saad MEKHILEF** who will speak "*on power electronics and its application in renewable energy systems- current status and future prospect*", **Professor Karim ABD-MERAIM** who will speak on "*Blind Source Separation: from basic concepts to new challenges*", **Professor Nazim AGOULMINE** who will speak on "*Convergence of Cloud Computing Technologies and Internet Technologies: The EASI-CLOUDS European Project (Eureka/ITEA 10014)*" and **Professor Abbes AMIRA** who will speak on Empowering Care through Smart Embedded Solutions.

In closing, we would like to express our sincere appreciation for the many people who have helped make this conference successful. Particular thanks go to the program committee members who handled the review process of the papers. Our special thanks go to our colleagues in the organizing committee for all the efforts they made in ensuring the success of this event.

Finally, we would like to thank our sponsors, the laboratories of Annaba University, ESLI, ENTEC, and University of Annaba for their generous support.

Enjoy the technical program and most of all, have a nice time.



Sunday November 15th, 2015
Registration: Days in Hotel, Annaba
From 18:00 until 20:00

DAY1 (Morning)
Monday November 16th, 2015

Time	Event	
08:00 - 09:00	Late Registration, Conference Location: Amphi Annaba University	
09:00 – 10:00	Opening Session	
10:00 – 10:40	Keynote Speech 1 <i>On towards a unified approach to the control of aerial vehicles</i>	Professor Tarek HAMEL
10:40 – 11:15	Coffee Break	

DAY1 (Morning)
Monday November 16th, 2015
Room: 1 Session A 11: Power System Modeling
Chair: DRID Said, BOUCHERIT Med Seghir

11:20 – 11:40	Modeling and Control of Three-Phase Pulse Width Modulation Rectifier (152)	Aziz Boukadoum
11:40 – 12:00	Sliding Mode Control of Three Levels Shunt Active Power Filter Based on Three Levels Stabilized Space Vector Modulation for power quality Improvement (151)	Kessal Abdelhalim
12:00 - 12:20	Power Quality Improvement Using a Four Leg Shunt Active Power Filter Based on Phase Locked Loop with Multi Variable Filter Under Unbalanced Source Voltages and Loads (60)	Chebabhi Ali
12:20 – 12:40	Observer based Speed Estimation method for Sensorless Vector Control of a Permanent Magnet Synchronous Machine (176)	Bouacida Hana



DAY1 (Afternoon)
Monday November 16th, 2015

14:00 – 14:40 **Keynote speech 2** **Professor Saad MEKHILEF**
On power electronics and its application in renewable energy systems- current status and future prospect

DAY1 (Afternoon)
Monday November 16th, 2015
Room: 1 **Session A12: Intelligent Control**
Chair: BENSACKER Bachir, ARIQUI Hichem

14:40 - 15:00	Observer and Virtual Reference Model Based Fuzzy Tracking Control for a Class of Nonlinear Systems (291)	Djamel Ounnas
15:00 – 15:20	Neural network predictive control of the diesel engine for the series-parallel hybrid vehicles (HEV) (147)	Moatez Billah Harida
15:20 – 15:40	Nonlinear H Infinity- Control Via Measurement Feedback Using Neural Network (85)	Bachir Bouiadjra Rochdi
15:40 – 16:00	Bio-inspired evolutionary based training RBF neural networks in sliding mode control of nonlinear systems (69)	Salem Mohammed

DAY1 (Afternoon)
Monday November 16th, 2015
Room: 2 **Session B12: Biomedical Signal Processing**
Chair: ABED-MERAIM Karim, BOUGHAZI Mohamed, BENNACER Layachi

14:40 - 15:00	Joint variational bayesian extended Kalman filter for the estimation of the metabolic hemodynamic model (39)	Mohammed Boureghda
15:00 – 15:20	EEG enhancement using Kalman Filtering based LPC model (204)	Manel Yakoubi
15:20 – 15:40	A hybrid automated algorithm for mammogram registration using mutual information (292)	Meriem Loucif
15:40 – 16:00	Real time processing of electrooculographic signal to type with a virtual keyboard (71)	Karim Ben Si Saïd

DAY1 (Afternoon)
Monday November 16th, 2015
Room: 3 Session C12: Flying Robotics
Chair: HAMEL Tarek, LAKEL Rabah

14:40 - 15:00	Position control of quadrotor UAV: simulation and experiments (119)	Abdellah Islam Kafi
15:00 – 15:20	Dynamics of car-like robots with trailers, application to skid (230)	Ahmed Bouzar Essaidi
15:20 – 15:40	Formation flight of multiple quadrotors in unknown environment (260)	Oussar Abdelatif
15:40 – 16:00	Pollution Control With Economic Optimization in Thermal Plants (142)	Ismail Ziane

16:00 - 16:20 Coffee Break

DAY1 (Afternoon)
Monday November 16th, 2015
Session A: POSTERS
Chair: BOUCHERIT Med SEGHIR, BAHY Taher, KHADIR Tarek, RAMDANI Messaoud

15:30 – 16:30	1: Study Improvement Control and Optimization of a Wind Turbine based on a DFIG (4)	Anis Tarfaya
	2: Control of a Permanent Magnets Synchronous Generator based vertical axis wind turbine using a Pulse Width Modulated inverter (248)	Kamel Kerbouche
	3: Modeling and Data Inversion of Magnetometric Measurements (73)	Abbas Aboubakr
	4: Huang-Hilbert Transform: Application to fault detection in motors (138)	Nassima Hamdad
	5: Modeling and Supervisory Control of Hybrid Renewable Energy Based on Wind-PV-Diesel-Battery (164)	Djalloul Achour
	6: Kalman filter based Model Predictive Control of Boost DC-DC power converter (105)	Noureddine Goléa
	7: Predictive control and synchronization of the four-dimensional energy resource chaotic system (254)	Imane Benchabane
	8: A Fuzzy Model Predictive Control For a DC Motor-Based Photovoltaic Pumping (264)	Hazil Omar
	9: Performance of the Multilayer Perceptron based DFE for Linear and Nonlinear Channels (221)	Samir Saidani

DAY1 (Afternoon)

Monday November 16th, 2015

Room: 1 Session A13: Fractional control

Chair: ABBASSI Hadj Ahmed, KERMICHE Salah

16:20 - 16:40	IMC-PID-fractional-order-filter controller design for two input two output (TITO) systems (220)	Tassadit Chekari
16:40 – 17:00	Online Fractional order PID Controller tuning Based on Bode's Ideal Transfer Function, FRIT and RLS (88)	Dif Ahlem
17:00 – 17:20	Design of Decentralized Fractional Order PI λ D μ Controllers for MIMO Systems (43)	Khalfa Bettou
17:20 – 17:40	An Experimental Estimation of a Rotor Speed MRAS Based on ANN for Sensorless Control of IM (47)	Negadi Karim
17:40 – 18:00	Fuzzy Adaptive Sliding-Mode Control for a Class of Uncertain Nonlinear Underactuated Systems (74)	Soumia Moussaoui

DAY1 (Afternoon)

Monday November 16th, 2015

Room: 2 Session B13: Signal Processing 1

Chair: ABED Meraim, GHARBI Mohamed, HAMDY Rachid

16:20 - 16:40	Parallelizable Adaptive PARAFAC Algorithms for Three-Way Tensors (158)	Karim Abed-Meraim
16:40 – 17:00	Robust subspace tracking in impulsive noise environments (104)	Karim Abed-Meraim
17:00 – 17:20	Reducing the Processing Time Required for a Tomography SAR Inversion Algorithm in Urban Area (18)	Hichem Mahgoun
17:20 – 17:40	Fullband IIR Digital Differentiator Design Using Linear Programming Approach (241)	Chafia Mekhnache



DAY1 (Afternoon)

Monday November 16th, 2015

Room: 3 Session C13: Renewable Energy Engineering 1

Chair: DRID Said, SAAD Salah

16:20 - 16:40	Fuzzy Logic Maximum Power Point Tracking Control for A Solar PV Module (228)	Aldjia Lazizi
16:40 – 17:00	Comparative Study on the performance of Fuzzy-PID and MRAC-PID Controllers based on DPC with SVM for DFIG using MPPT Strategy (64)	Fayssal Amrane
17:00 – 17:20	Modified P&O algorithm by Takagi-Sugeno fuzzy logic approach for MPPT of PV systems (37)	Hamza Feroura
17:20 – 17:40	Maximum Power Point Tracking Using Perturb&Observe And Genetic Algorithms For Photovoltaic System (17)	Bechouat Mohcene
17:40 – 18:00	Neuro-genetic MPPT Algorithm for PV System under Shading Effects (26)	Abadlia Issam

19:30 - 20:30	Dinner
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DAY2 (Morning)
Tuesday November 17th, 2015

09:00 – 9:40 **Keynote Speech 3** **Professor Karim ABED-MERAIM**
Blind Source Separation: from basic concepts to new challenges

DAY2 (Morning)
Tuesday November 17th, 2015
Room: 1 **Session D11: Nonlinear control**
Chair: DEBBACHE Nasreddine, KHADIR Tarek

09:40 – 10:00	Design of LQ Controller using NSGA-II algorithm for the Stabilisation of an Inverted Pendulum System (191)	Hassina Megherbi
10:00 – 10:20	Generation of artificial earthquakes using timevarying ARMA model for active control in civil engineering (91)	Azizou Fethi
10:20 - 10:40	Nonlinear Observer Canonical Form for Genetic Regulation Process (66)	Bououden Soraya
10:40 - 11:00	Design of Unknown Input Observer with delayed measurements. (87)	Hassiba Nechaf

DAY2 (Morning)
Tuesday November 17th, 2015
Room: 2 **Session E11: Image Processing and Coding**
Chair: SERIR Amina, MEROUANI Hayet, BOUKARI Karima

09:40 – 10:00	Initialization Methods for the K-means and Fuzzy c-means Clustering Algorithm (257)	Hayet Djellali
10:00 – 10:20	Using Empirical Mode Decomposition for online signature verification (192)	Hafs Toufik
10:20 - 10:40	Multimodal Palmprint Biometric System using SPIHT and Radial Basis Function (279)	Djamel Samai
10:40 - 11:00	Pruned Discrete Tchebychef Transform for Image Coding (280)	Khaoula Mechouek



DAY2 (Morning)
Tuesday November 17th, 2015
Room: 3 Session F11: Telecommunication Networks
Chair: TOUMI Salah, LARBI Allal

09:40 – 10:00	The stationarity and the ergodicity of signal scattering by 2D slightly rough random surface (42)	El-bah Seloua
10:00 – 10:20	Securing NFC applications embedded in a NFC phone (101)	Samir Chabbi
10:20 - 10:40	Slotted micro strip Patch Antenna Analysis Based on the Wave Concept Approach (97)	Berhab Souad
10:40 - 11:00	Analysis and Simulation of a New Tri-Frequency Band Microstrip Patch Antenna Using Finite Difference Time Domain Method (111)	Mouhouche Faiza

11:00 - 11:20 Coffee Break



DAY2 (Morning)
Tuesday November 17th, 2015
Session B: POSTERS
Chair : AGOULMINE Nazim, LARBI Allal, BAHY Tahar, BOUCHRIKA Imed, DJEGHABA Messaoud

10:30 – 11:30	1:Energy-efficient by balanced tree-based aggregation in Wireless Sensor Network (194)	Sarah Oubabas
	2: Implementation of GPS C/A codes on ADSP BF-537 of Analog Devices (245)	Boukerma Sabrina
	3: Metaheuristics approaches for minimizing handovers in cellular networks (11)	Saâd Benselilih
	4: Application of Wavelet Packet Transform (WPT) for Bearing Faults diagnosis (195)	Boudiaf Adel
	5: Off-line Driver's Eye Detection: Multi-Block Local Binary Pattern Histogram Vs. Gabor Wavelets (290)	Djamel Eddine Benrachou
	6: PSNR Comparative Study of Filters and Wavelet Thresholding Techniques for Image Denoising (20)	Raouf Moussa Embarek
	7: Unconditionally Stable ADI - FDTD for Solving (29)	Naziha Mehennaoui
	8: Analysis of Linear Non uniform Transmission Using Picard-Carson's Method (33)	Mounir Belattar
	9: Design, realization of a three-phase voltage inverter and Pulse Using Width Modulation control (188)	Khattab Sara
	10:Model Reference Adaptive Controller Of the Quadrotor UAV (45)	Abdelaziz Mourad

DAY2 (Morning)
Tuesday November 17th, 2015
Room: 1 Session D12: Predictive and Robust control
Chair: KHADIR Tarek, RAMDANI Messaoud

11:20 – 11:40	Model predictive control of the diesel engine for the series-parallel hybrid vehicles (HEV) (154)	Moatez Billah Harida
11:40 – 12:00	Robust Output Regulation of a Minimum Phase Magnetic Levitation System using Conditional Servocompensator (136)	Muhammad Ahsan
12:00 - 12:20	Robust artificial-immune-PID parameters tuning (110)	Rochdi Bouchebbat
12:20 – 12:40	Simple Adaptive Control of Plants not Satisfying Almost Strictly Positive Real Conditions (118) .	Khalil Mokhtari

DAY2 (Morning)
Tuesday November 17th, 2015
Room: 2 Session E12: Algorithm Hardware Implementation
Chair: AMIRA Abbes, BAARIR Zineddine, BENOURET Mohamed

11:20 – 11:40	Hardware Implementation Of The Fast Fourier Transform With Non-Power-Of-Two Problem Size (235)	Samiha Aouissi
11:40 – 12:00	FPGA Implementation of Adaptive Neuro-Fuzzy Inference Systems Controller for Greenhouse Climate (36)	Charaf Eddine Lachouri
12:00 - 12:20	Performance Evaluation of the HEVC 4x4 Integer Transforms (181)	Saliha Harize



DAY2 (Afternoon)
Tuesday November 17th, 2015

14:00 – 14:40 **Keynote Speech 4** **Professor Nazim AGOULMINE**
Convergence of Cloud Computing Technologies and Internet Technologies: The EASI-CLOUDS European Project (Eureka/ITEA 10014)

DAY2 (Afternoon)
Tuesday November 17th, 2015

Room: 1 Session G11: Robot Motion Control

Chair: HAMEL Tarek, LAKEL Rabah

14:40 - 15:00	Trajectory planning of unmanned ground vehicles with vertical dynamic consideration (236)	Bachir Menkouz
15:00 – 15:20	On the algebraic estimation of whole two-wheeled vehicles dynamics via High Order Sliding Mode Differentiators (148)	Mohammed El-Habib Dabladji
15:20 – 15:40	Neuro-Fuzzy Navigation for a Car-Like Robot in Unknown Environments (189)	Somia Brahimi
15:40 – 16:00	High accurate wheelchair navigation system with Kalman filter: a data fusion approach (77)	Nada Derradji

DAY2 (Afternoon)
Tuesday November 17th, 2015

Room: 2 Session H11: Audio Signal Processing

Chair: BOUSBIA Salah Mounir, HAMDY Rachid

14:40 - 15:00	Standard Arabic Talking Clock Based on Diphone Synthesis (49)	Nadjla Bettayeb
15:00 – 15:20	Text-To-speech Synthesis System for The Arabic Language (93)	Aissa Amrouche
15:20 – 15:40	Speech synthesis at very low rate (94)	Saidi Mohammed
15:40 – 16:00	Robust MFCC algorithm for Birdsong Characterization using DSK TMS320C6713 (287)	Amira Boulmaiz



DAY2 (Afternoon)
Tuesday November 17th, 2015
Room: 3 Session I11: Power Electronics
Chair: BOUCHERIT Med Seghir, Guersi Noureddine

14:40 - 15:00	Assessment and Performance Evaluation of Fuzzy Logic Controller With an Application in the PFC of AC/DC Converter (92)	Amar Bouafassa
15:00 – 15:20	Improved Control Strategy for Three Phase Current Source Inverter with Fuzzy Logic Controller Based on Lyapunov's Direct Method (67)	Hamza Feroura
15:20 – 15:40	Study of Generalized Predictive Control by using five-levels NPC topology inverter. Application for Permanent magnet synchronous machines (180)	Bentchikou Ibrahim
15:40 – 16:00	Design and Simulation of Three Level-inverter based DSTATCOM Using Fuzzy Logic (09)	Benzerafa Foudil

16:00 - 16:20 Coffee Break

DAY2 (Afternoon)
Tuesday November 17th, 2015
Room: 1 Session G12: Applied Control
Chair: DJEGHABA Messaoud, MOUSSAOUI Abdelkrim

16:20 - 16:40	Dead Time Compensation of Main Irrigation Canal using a Filtred Smith Predictor (182)	Nardjes Merabti
16:40 – 17:00	Photovoltaic Panels Extraction under Evolutionally Algorithms: A Comparative Study (207)	Issam Benouareth
17:00 – 17:20	Diagnosis of a Solar Power Plant using fuzzy sliding mode observer (270)	Zahra Taif
17:20 – 17:40	An Extended Park's Vector Approach For The Detection Of Inter Turn Faults In Induction Motor (112)	Samir Bouslimani
17:40 – 18:00	Magnetorquer wheel Momentum Damping Based on Sliding Mode -Application to Low Earth Orbit Microsatellite (233)	Abdellatif Bellar

DAY2 (Afternoon)
Tuesday November 17th, 2015
Room: 2 Session H12: Signal 2
Chair: ARIOUI Hichem, HAMDY Rachid

16:20 - 16:40	Spacecraft Attitude Estimation Based on Star Tracker and Gyroscope Sensors (250)	Adnene Akram
16:40 – 17:00	Modeling of Electromagnetic Acoustic Transducers for Defect Detection in Conductive Material (268)	Bougheda Houssem
17:00 – 17:20	Ultrasonic Signal Estimation by Hilbert Transform and EM Algorithm (167)	Yacef Nabil
17:20 – 17:40	Direct Torque Control Of Induction Motor And Regulation Speed Using The Adaptive Control (267)	As Kaci

DAY2 (Afternoon)
Tuesday November 17th, 2015
Room: 3 Session I12: Renewable Energy Engineering (3)
Chair: DRID Said, BAHY Tahar, KERMICHE Salah

16:20 - 16:40	Design of Robust Secondary Frequency Controller Based on Gravitational Search Algorithm (253)	Nour El Yakine Kouba
16:40 – 17:00	Tuning of Speed Fuzzy logic Controller in DTC for Switched Reluctance Motor fed by Photovoltaic Generator Based on Genetic Algorithms (223)	Ameur Aissa
17:00 – 17:20	Artificial Neural Network based MPPT Technique for PV Systems (153)	Abdelkader Morsli
17:20 – 17:40	Cascaded NPC Multilevel Inverter Topology for Grid Interactive Transformerless Photovoltaic Power System" (196)	Nouredineould Cherchali



DAY2 (Afternoon)
Tuesday November 17th, 2015
Session C: POSTERS
Chair: BENOUARET Mohamed, SAAD Salah, DEBBACHE Nasreddine, RAMDANI Messaoud

15:30 – 16:30	1:FPGA Implementation of Adaptive Neuro-Fuzzy Inference Systems Controller for Greenhouse Climate (36)	Charaf Eddine Lachouri
	2: Model Predictive Control of a Solar Power plant Based on Fuzzy Kalman Filter (75)	Zahra Taif
	3: Modeling and control of an industrial truck (121)	Mokhtar Kobbi
	4: GSA Vs PSO–based PD Control Design for the Stabilization of a Quadrotor (126)	Sarra Bencharef
	5: K - Means Clustering Based on Vibration Signal for Classification Induction Machine Faults (243)	Abla Bouguerne
	6: Sliding Mode Control of Induction Motor Drive Applied in Photovoltaic-Pumping System (185)	Hamza Bouzeria
	7: An adaptive fuzzy PID control scheme for uncertain chaotic systems synchronization (215)	Nidhal Cherrat
	8: Sizing And Techno-economic analysis of a Stand-alone PV/Wind Hybrid System (273)	Naoual Seddaoui
	9:Regulation with paralel feedforward compensator of the glucose insulin system (44)	Abdelaziz Mourad

19:00 - 20:30 Gala Dinner : Hotel Seybouse



DAY3 (Morning)
Wednesday November 18th, 2015

**09:00 – 09:40 Keynote Speech 5 Professor Abbes AMIRA
Empowering Care through Smart Embedded Solutions**

DAY3 (Morning)
Wednesday November 18th, 2015
Room: 1 Session J11: Robot Control
Chair: KHADIR Tarek, LAKEL Rabah

09:40 – 10:00	Discrete Sliding Mode Controller for a Pneumatic Artificial Muscles Arm Robot (96)	Ratiba Fellag
10:00 – 10:20	Towards an Indoor Testbed for Multicamera Based Localization (231)	Walid Benaziza
10:20 - 10:40	Mobile Robot Trajectory Tracking Based on Fast Terminal Sliding Mode Control (72)	Mohamed Guiatni
10:40 - 11:00	Design of an Optimal Fractional-order Sliding Mode Controller (OFSMC) for a class of Fractional-order SIMO Systems (239)	Abdelhamid Djari

DAY3 (Morning)
Wednesday November 18th, 2015
Room: 2 Session K11: Biomedical Signal Processing
Chair: BENOURET Mohamed, BOUSBIA-SALAH Mounir

09:40 – 10:00	Enhancement of the recovery ability of CS algorithms using new basis for ECG signals (113)	Hamza Djelouat
10:00 – 10:20	Single-Trial Evoked Potential Extraction Using VSS-LMS Adaptive Hermite Modelling (242)	Mahmoud Boudiaf
10:20 - 10:40	Laryngeal Pathologies Analysis Using Glottal Source Features. (227)	Amara Fethi



DAY3 (Afternoon)
Tuesday November 18th, 2015
Room: 3 Session L 11: Power System Engineering
Chair: BOUCHERIT Mohamed Seghir, SAAD Salah, ABBASSI Hadj Ahmed,

09:40 – 10:00	Implementation of Sensorless Direct Torque Control of Induction Motor Using Sliding Mode Observer (199)	Abdelkarim Ammar
10:00 – 10:20	Speed-Sensorless Control of a Doubly Fed Induction Motor Without Mechanical Sensor (285)	Hinda Abdelatif
10:20 - 10:40	Effect of rolling anomaly on the stability of the induction machine (07)	Nejib Khalfaoui
10:40 - 11:00	Vector Control of Permanent Magnet Synchronous Motor using RT-Lab Real Time Platform (213)	Abdelhakim Idir

11:00 - 11:20 Coffee Break

DAY3 (Morning)
Wednesday November 18th, 2015
Room: 1 Session J 12: Diagnostic
Chair: MOUSSAOUI Abdelkrim, GUERSI Noureddine

11:20 – 11:40	Nonlinear System Fault Diagnosis and Isolation Based on particle filter PFEKF (288)	Ismain Guedaouria
11:40 – 12:00	Fault Diagnosis of Dynamic Processes based on Neuronal Principal Component Analysis (234)	Chouaib Chakour
12:00 - 12:20	Interval PCA Based Fault Detection and Isolation With New Interval SPE Statistic (226)	Tarek Ait Izem
12:20 – 12:40	Adaptive Neuro-Fuzzy Inference Systems for Modeling Greenhouse Climate (48)	Charaf Eddine Lachouri



DAY3 (Morning)

WEDNESDAY November 18th, 2015

Room: 3 Session L12: Security Systems and Encryption

Chair: LAFIFI Saddek, AGOULMINE Nazim

11:20 – 11:40	Secure Image Transmission Scheme Using Hybrid Encryption Method (76)	Sarah Kassim
11:40 – 12:00	Soliton self-compression in a photonic crystal fiber with dispersion optimized for pumping near 1300 nm. (58)	Ferhat Mohamed Lamine
12:00 - 12:20	Linear threshold multi-secret sharing of high resolution images over Rijndael's finite field: an optimal scheme (145)	Djihed Anani
12:20 – 12:40	Detection and Ignoring Black Hole Attack in VANET networks based latency time based latency time (162)	Bensaid Chaima
12:40 – 13:00	Encryption Approach for Images based on Householder Reflector Scheme and Extended Hill Cipher Techniques (219)	Karima Djebaili



DAY3 (Morning)
WEDNESDAY November 18th, 2015
Session D: POSTERS
Chair: SERIR Amina, BOUKARI Karima, BOUCHRIKA Imed, BOUGHAZI Mohamed

10:30 – 11:30	1: Palmprint Features Selection : A comparative study between textures and lines features (59)	Korichi Maarouf
	2: Automated Face Recognition System For Access Control (15)	Imene Taleb
	3: Self-adaptive velocity particle swarm optimization (89)	Lamia Sersour
	4: Study of the conductivity evolution of gas sensors based on organic semiconductor thin films (209)	Sahki Amel
	5: Effectiveness Intrusion Detection System by Preprocessing and Post-processing Using Data mining Classification Tool (224)	Mouaad Kezih
	6: FPGA Implementation and Control of Dual- PMSM Connected in Parallel Using SVPWM Technique (286)	Khaldoune Sahri

**13:00 – 13:30 Ceremony of Conference Closing
Award for the Best Paper**

13:30 – 14:30 LUNCH

14 :30 Social Event : Visit to Seraidi