

Program of the 3rd Electrical Engineering International Conference (EEIC'25)

Tuesday 02 December 2025

Tuesday 02 December 2025				
08:00 - 09:00	Registration			
09:00 - 09:30	Opening Ceremony			
09:30 - 10:15	Plenary 1: Pr Noureddine TAKORABET - On the Electrification of Road Transport: An Overview of Recent Developments in Electric and Hybrid Vehicles (Chairs : Pr T. REKIOUA , Pr A. BOUZIDI , Pr S. TAMALOUZT)			
10:15 - 11h00	Coffee Break			
11:00 - 11:45	Plenary 2 : Pr Saad MEKHILEF -The Role of Technology in Achieving a Modern Carbon-Neutral Society (Chairs : Pr S. BELAID LALOUNI , Pr N. TAIB , Pr D. REKIOUA)			
Oral Communications - Session 1 -				
	Room A	Room B	Room C	Room D
	Chairs: Pr IDJDARENE Pr KRIM	Chairs: Pr TAKORABET Pr SAOU	Chairs: Dr LAIFAOU Dr RAHMANI	Chairs: Pr BOUDRIES Pr CHAIBA
	Top7 (RSE)	Top2 (EMD)	Top5 (EHVE)	Top1 (CSA)
11:45 - 12:00	RSE-23 (ADJATI A.)	EMD-02 (BOUHAFS L.)	EHVE-06 (OUATAH E.)	CSA-01 (HALLEDJ S.)
12:00 - 12:15	RSE-03 (BENACHAIBA C.)	EMD-07 (HAMITOUCHE K.)	EHVE-07 (ZIANI A.)	CSA-03 (HAMOUDI F.)
12:15 - 12:30	RSE-16 (GASMI H.)	EMD-09 (BOUCHEBBAH B.)	EHVE-08 (ALOUACHE S.)	CSA-07 (NAFA F.)
12:30 - 14:00	Lunch			
14:00 – 14:45	Plenary 3: Pr Hocine MOULAI – Techniques for Electrical Discharge Generation, Measurement, and EMC Protection (Chairs : Dr A. KASDI , Pr B. BENDAHDANE , Pr B. MAOUCHE)			
Oral Communications - Session 2 -				
	Room A	Room B	Room C	Room D
	Chairs : Dr OUATAH Dr A. BENDAHDANE	Chairs: Dr H. BELLAHSENE Dr CHELBI	Chairs: Pr TAMALOUZT Pr CHAIBA	Chairs: Pr ZOUGAB Dr AIT MOKHTAR
	Top5 (EHVE)+Top4 (EMC)	Top10 (TSN)	Top7 (RSE)	Top11 (MRS)
14:45 - 15:00	EHVE-09 (ROUHA N.)	TSN-01 (TEMERICH I.)	RSE-05 (AOUCHENNI O.)	MRS-01 (CHEBANI M.)
15:00 - 15:15	EHVE-10 (CHOUALI S.)	TSN-03 (BENDJEDI H.)	RSE-06 (BABOURI K.)	MRS-02 (ABAD L.)
15:15 - 15:30	EHVE-11 (LAIFAOU A.)	SIP-05 (KABLA A.)	RSE-08 (BERABEZ K.)	MRS-03 (LAGGOUNE R.)
15:30 - 15:45	EMC-03 (MEDJAHED S.)	TSN-07 (ALKAMA D.)	RSE-11 (BOUSSEROUEL A.)	MRS-04 (BALIT H.)
15:45 – 16:15	Poster Session 1 & Coffee Break			
	Chairs : Dr AZIB (CSA) ; Dr AIT SAID (EHVE) ; Dr H.AOUZELLAG + Dr AISSOU (RSE) ; Dr TAFININE (2TSN) ; Dr Mekhmoukh (SIP) ; Pr Bouzidi (EPS) ; Pr Aouzellag (EMD)			
	CSA : 10 - 11	EMD : 04 - 05	EPS : 01 - 02	TSN: 08-09
	EHVE : 01 - 04	SIP : 03 - 07	RSE : 04 - 07 - 09 - 12 - 19	
Oral Communications - Session 3 -				
	Room A	Room B	Room C	Room D
	Chairs: Pr ACHOUR Dr LEHOUCHE	Chairs: Pr D. REKIOUA Pr ABDELLI	Chairs: Pr MENDIL Pr BOUZIDI	Chairs: Pr D. AOUZELLAG Dr CHEKKAL
	Top1 (CSA)	Top7 (RSE)	Top : 1-6-8-9	Top2 (EMD)
16:15 - 16:30	CSA-02 (LAMRAOUI H.)	RSE-01 (TARAFT S.)	EPS-05 (AMARA A.)	EMD-01 (DJERMOUNI K.)
16:30 - 16:45	CSA-08 (OUARET A.)	RSE-10 (MOKRANI Z.)	PEA-01 (FAHEM I.)	EMD-03 (BENSEHILA A.)
16:45 - 17:00	CSA-09 (MESSAOUDI K.)	RSE-14 (KHELFA O.)	RAI-03 (ZERDIA Z.)	EMD-06 (BEKHOUCHE L.)
17:00 - 17:15	CSA-12 (TAMALOUZT S.)	RSE-15 (SERIR C.)	SIP-02 (SAIDANI N.)	EMD-08 (AMMAOUI Y.)
19:00	Dinner			

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08:00	Registration			
08:30 – 09:15	Plenary 4: Pr. Abdallah MEDJDOUB - Power system stability in the era of renewable energy: Challenges and solution for system integration (Chairs : Pr K. GHEDAMSI, Pr S. BERRAH)			
09:15 – 10:00	Plenary 5: Pr. Youcef CHIBANI - From Biological Neuron to Embedded Neuron: The Fascinating or Dangerous Adventure (Chairs : Pr A. KHIREDDINE, Dr A. MEKHMOUKH, Pr M. BOUALEM)			
10:00 – 10:45	Poster Session 2 & Coffee Break			
	Chairs: Dr CHELBI (TSN); Dr KASDI (EMC); Dr N. AOUZELLAG (EPS); Dr BELHOUL (EHVE); Dr N.BELLAHSENE (RAI) Dr Serir + Dr AMROUCHE + Dr TARAFT + Pr Bouzida (RSE)			
	TSN : 02- 05 - 06 -		EMC-01	EPS : 03 - 04
	EHVE : 03 - 05	RAI : 01 - 02 - 04	RSE : 18 - 20 - 21 - 24 - 25 - 26	
Oral Communications - Session 4 -				
	Room A	Room B	Room C	Room D
	Chairs: Pr KASMI Dr MEKHMOUKH	Chairs: Pr HAMOUDI Pr AMIMEUR	Chairs: Pr BELKAID Pr MOHAMMEDI	Chairs: Pr MAOUCHE Dr ROUHA
	Top9 (SIP)	Top1 (CSA)	Top7 (RSE)	Top5 (EHVE)
10:45 - 11:00	SIP-04 (KHIREDDINE A.)	CSA-04 (BENDENIDINA A.)	RSE-13 (DJOUDI O.)	EHVE-02 (BENCHEBIBA I.)
11:00 - 11:15	SIP-06 (BENYAHIA A.)	CSA-05 (NACEF S.)	RSE-17 (AMROUCHE K.)	EHVE-12 (CHIBANE O.)
11:15 - 11:30	SIP-01 (RADJEF L.)	CSA-06 (KAKOUCHE K.)	RSE-22 (HADJI S.)	EHVE-13 (BELHOUL T.)
11:30 - 11:45	TSN-04 (TIGHILT Y.)	CSA-13 (TAMALOUZT S.)	RSE-02 (DJERMOUNI K.)	EMC-02 (LAKHDAR A.)
12:00 - 12:30	Closing ceremony			
12:30 -12:45	Photo participants EEIC’25			
13:00	Lunch			
14:00	Sightseeing Tour : Cultural and Scientific Circuit (Engineering-focused)			
				

EEIC'25 – Poster Sessions Program (2 Sessions)

15:45 – 16:15		Tuesday 02 December 2025 : <i>Poster Session 1</i>	
N°	Conf_ID	Presenting Author	Title
1	CSA-10	CHENNA Khadidja (Univ. Bejaia)	Grid Interconnections Using Back-to-Back HVDC Systems
2	CSA-11	BENNAOUI Ahmed (Univ. Laghouat)	Optimal State Estimation and Control of Robotic Systems Using Kalman Filtering and PID Control: A Comparative Implementation Study
3	EHVE-01	SAIM Nabila (Univ. Tizi Ouzou)	Hybrid Electrodynamics Modeling and Experimental Validation of Critical Discharge Phenomena in High-Voltage Triple Junctions
4	EHVE-04	AIT YAHIA A. Walid (Univ. Sidi-Bel-Abbes)	Electrostatic separation process of metal / plastic particles using a double-sided electrostatic actuator
5	EMD-04	TAZERART Farid (Univ. Bejaia)	Motor Sizing and Control with Software-Assisted Selection under IEC Duty Cycles
6	EMD-05	BOUHERAOUA Mustapha (UMMTO)	Three Phase Induction Motor Air Gap Thermal Conductivity Computation Using Hybrid Thermal Model
7	EPS-01	AOUCHENNI Ounissa (Univ. Bejaia)	Fault Detection and Location in an Electrical Network Using the Wavelet Method
8	EPS-02	IDRI Souad (Univ. Bejaia)	Voltage stability analysis in IEEE 9-bus system integrated with a double feed induction generator wind farm
9	RSE-04	ABADLIA Issam (CDER, Algiers)	Electrical Modelling of a DBD Plasma Powered by a Photovoltaic Conversion System
10	RSE-07	AMROUCHE Bessam (Univ. Bejaia)	Fault-Tolerant Control of Grid-Connected PV Cascaded Inverters: Comparison of Butterworth and Chebyshev II Filters
11	RSE-09	BOUDJERDA Tarek (Univ. Bejaia)	Fuzzy Logic Control of a PV/DFIG/Batt Microgrid System for A Residential Application
12	RSE-12	CHEBRI Ahmed (HNS-REESD Batna)	Enhancing PV Efficiency: A comparative Study of FLC, SMC, and P&O MPPT Algorithms using Matlab/simscape
13	RSE-19	FENNI Ala Eddine (Univ. SETIF1)	MPC-Coordinated PV-Wind-Adiabatic CAES for Smart Greenhouse Climate and Power Management in Semi-Arid Regions
14	SIP-03	MEKHMOUKH A. (Univ. Bejaia)	Real time human fall detection using Deep Learning Algorithms on Raspberry PI microprocessor
15	SIP-07	Slimani Oussama (Univ. USTHB)	Design and implementation of a dual axis embedded solar tracking system for optical pumping of a solar laser
16	TSN-08	ACHOUR Lyakout (Univ. Bejaia)	Study and Modelling of a Novel Optical Transmitter for Telecommunications
17	TSN-09	DEGACHI Riadh (Univ. El Oued)	Development and Analysis of a Rectangular Microstrip Patch Antenna for 5G Applications at 70 GHz Frequency Band

10:00 – 10:45		Wednesday 03 December 2025 : <i>Poster Session 2</i>	
N°	Conf_ID	Presenting Author	Title
1	EHVE-03	BRAKNA Ikram (Ain Temouchent)	Optimization of Corona Discharge in Electrostatic Precipitators: An Experimental Study in Wire-Plane Configuration
2	EHVE-05	AIT YAHIA A. Walid (Univ. Sidi-Bel-Abbes)	Experimental analysis of the influence of geometric parameters on electro-adhesion
3	EMC-01	BOUGANDOURA Roujaina (Univ. Jijel)	Numerical Analysis of the Electromagnetic Interaction Between a Moving Permanent Magnet and Copper Coils Using 2D Axisymmetric Models
4	EPS-03	MOSBAH Mustafa (Univ. Ghardaia)	Optimal Load Shedding Strategy for Voltage Stability Enhancement in Smart Grid Systems
5	EPS-04	HAMMICHE Boubekur (Univ. Bejaia)	Transient Stability Improvement Using a Combined Mechanical Damping and PD Control Strategy
6	RAI-01	ASRADJ Zahir (Univ. Bouira)	Parameter Tuning of PID/FOPID Controllers Using GWO Algorithm with Application to Fractional-Order Systems
7	RAI-02	LEHOUCHE Hocine (Univ. Bejaia)	Temperature regulation of a commercial space in building system optimized by genetic algorithm
8	RAI-04	SOUAIDIA Chouaib (Univ. Bejaia)	Salp Swarm Algorithm for Feature Selection And Artificial Neural Networks For Bearing Faults Diagnosis
9	RSE-18	MEZZAI Nabil (Univ. Bejaia)	Performance Analysis of Photovoltaic Panels Under Shading Conditions
10	RSE-20	TIAR Mourad (Univ. Biskra)	Fuzzy MPPT Control Strategy for a PEM Fuel Cell Emulator
11	RSE-21	BOUDJERDA Tarek (Univ. Bejaia)	Predictive Control of a PV/DFIG/Batt Microgrid System for a Water Pumping Application
12	RSE-24	MEBARKI Youcef (Univ. Bejaia)	Study and construction of a Horizontal Axis Wind Turbine
13	RSE-25	CHENNA Amina (Univ. Bejaia)	Hybrid Renewable-Battery Systems for Improved Stability and Energy Management in Standalone
14	RSE-26	CHEKKAL Samira (Univ. Bejaia)	Fuzzy-Based Control of a Stand-Alone Wind Energy Conversion System Using a DSIG and Battery Storage
15	TSN-02	TIGHILT Yamina (Univ. Setif1)	Compact Textile Based UWB MIMO Antenna for Wearable Mm-wave Applications
16	TSN-05	MOKHDAR Amel (Univ. Maghnia)	Impact of RZ Modulation on Polarization Mode Dispersion in Medium- and Long-Distance Optical Links
17	TSN-06	MOSBAH Mustafa (Univ. Ghardaia)	Topology-Optimized Dual-Band Microstrip Patch Antenna for Millimeter-Wave 5G Applications