

National Center for Scientific Promotion
and Innovation (CNPSI)



PROGRAM

25th International Forum on Applied
Sciences and Innovation

HAMMAMET, TUNISIA

APRIL 27-29, 2025



25th International Forum on Applied Sciences and Innovation ASI-Hammamet'2025

The 25th International Semi-Annual Forum on Applied Sciences and Innovation, in its anglophone edition, returns to HAMMAMET as a distinguished platform for strategic dialogue and collaboration, uniting industry executives, thought leaders, innovators, and academic researchers.

This prestigious event will feature keynote speeches, advanced workshops, professional development sessions, and dynamic networking opportunities, all designed to accelerate innovation and drive transformative outcomes.

Join us for ASI-Hammamet'2025, guided by its inspiring vision:

TOWARDS A BETTER WORLD

CREATE, INNOVATE, PRODUCE AND SHARE

International Forum on Applied Sciences and Innovation -ASI'2025-

**11th International Conference on Green Energy
& Environmental Engineering -GEEE-2025-**

**12th International Conference on Business Economics,
Marketing & Management Research -BEMM'2025-**

**10th International Conference on Control Engineering
& Information Technology -CEIT'2025-**

**7th International Workshop on Communication
Techniques -WCT'2025-**

Speakers Chairs



Marija Boban
(CRO)



Mehmet Karan
(TUR)



Hanife Yesilyurt
(TUR)



Adriana Tiron-Tudor
(ROU)



Ahmed Rhif
(TUN)



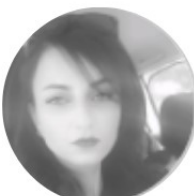
Adriana Miclea
(ROU)



Kaouther Saied Ben
Rached **(TUN)**



DSc Viola Vambol
(POL)



Btissam Legdali
(MOR)



Nadine Khair
(JOR)



Ayben Koy
(TUR)



Manel Gharsi-
Missaoui **(TUN)**



Janset K. Daşdemir
(NLD)



Claudia Fernanda
Yasar **(TUR)**



Gabriel Borowski
(POL)



Ellen Wasylina
(FRA)



Mouna Marrakchi
(TUN)



Kamaljeet Kaur
(MYS)



Tina Shabsough
(TUR)



Sara Zatir
(MAR)



Soukaina Dyouri
(MAR)



Haitham Saad Mohamed
Ramadan **(FRA)**



Mohamed Yussof
Al Razali **(MYS)**



Yue MA
(CHN)

st
1 Day

Sunday
April 27, 2025

8:00 - 8:50

Registration

9:00 - 10:30 (Room1)

9:10 : Welcome Speech and Guest Introduction



Marwa Ammar (TUN)



Ahmed Rhif (TUN)

9:20 : Welcome Speech by the Presidents of the forum



Gabriel Borowski (POL)



Hatem Mhiri (TUN)



Maijia Boban (CRO)



Adriana Tuodor (ROU)



Janset K. Daşdemir (NLD)



Kaouther Saied Ben Rached (TUN)



Mehmet Karan (TUR)



Haitham S. M. Ramadan (FRA)



Nadine Khair (JOR)

Plenary Sessions

9:50 AM - 10:30 AM



Ellen Wasylina (FRA)

Chair : Claudia Fernanda Yasar (TUR)



Coffe Break: 10:30 - 11:00

April 27, 2025 11:00 - 12:50 / Room 1 – Panel EEN «Electrical Engineering»

Keynote Speaker : Claudia Fernanda Yasar (TUR)



ID	Author(s)	Title
67	Nawres Abbassi	Ab-initio investigation of the ground and excited electronic states of the of the Alkali – Silicon diatomic SiM+ (M=Li, Na and K) molecules Jamila Dhiflaoui
54	Abdellaoui Hadir	Vibrational and dipolar properties of the AgLi system in the ground and excited states Soulef Jellali, H�la Habli
32	Malek Belouda	A Machine learning Based Fault Classification and Prediction of an IoT Based PV pumping System Tlili Messai, Chayma Azouz, Zeineb Jebri, Abdelkader Mami
82	Kamel Cherif	Fuzzy Sliding Mode Control for Multilevel DC-DC Converters in Hybrid Energy Storage Systems for EVs Abdelaziz Sahbani, Kamel Ben Saad
50	Kerrouche Mustapha	Control Strategies for 3-Level NPC Inverter-Based PV Systems A Comparative Analysis of PI and PID Controllers in Boost and Direct Configuration Kamal Himour
193	Abdoulaye Sene	Mod�lisation de cellules solaires mono-jonctions r�sonantes sous �clairage multi spectral : effet des �paisseurs sur le rendement de conversion C�saire Ngor Ndiaye, Lamine Thiaw

April 27, 2025 11:00 - 12:50 / Room2 - Panel MAR «New Approaches in Marketing Research Conference»

ID	Author(s)	Title
133	Nadine Khair 	Beyond Mainstream Fashion: Overcoming the Traditional Meaning of the Color Black in the Middle East Bassima Massis
31	Abderrahim Bellil	Neuromarketing Implications on Purchase Decisions: A Systematic Review of Post-Pandemic Research Feten Ben Naoui
51	Fatine asname	L'IA au service du tourisme : Optimisation, personnalisation et d�fis �thiques dans la gestion des destinations Abla Berrada
35	Hayoun Firdaws	A Bibliometric Analysis of Artificial Intelligence in Customer Experience: Unveiling the Future Taoufiq Yahyaoui, Fatima Zahra El Arbaoui
40	Jihene ben lazreg	Unveiling the Determinants of Tunisian Panic Buying Behaviour during crises Rym Bouzaabia
129	Manal Nadi	The Role of Social Media in Shaping Modern Brand Narratives Fatine Ouahita
21	Nassouh Nada	Leveraging Artificial Intelligence in Online Marketing to Enhance Brand Equity: A Strategic Framework for Morocco's Digital Economy Abla Berrada
67	Neila Sta	Perceived Brand Innovativeness as a Driver of Brand Equity : Insights from the Smartphone Market Houssef Edine Nasr, Wissem Ben Marzouk

April 27, 2025 11:00 - 12:50 / Room3 - Panel EBA «Environmental Engineering & Biotechnology Applications »

ID	Author(s)	Title
181	Abderahim El Mehdi Bellaredj	Mapping of the effects of climate change on water resources in the arid Naâma region-Understanding past trends to plan for better future strategies.
65	Ghorbali Rihab	Modeling and Interpretation of the Adsorption Mechanism of the Perfluoric Acids on Chitosan Sellaoui Lotfi, Ghalla Houcine
189	Alaeddine Boubaker	Impact of the Intersection of Artificial Intelligence and the Reduction of Carbon Footprints Alaeddine Boubaker
102	Djafari Driss	Sewage Sludge at the Heart of Sustainable Development through the Production of Environmentally Friendly Cement Akacem Mustapha, Bakhadda Roqia, Benabdellah Cherifa
69	Remache leila	Biobased materials in humidity environment: challenges Zitouni Hamza
73	Walter Emmanuel Ortega Muñan	Port-Hamiltonian based Control for a Two-Stage Anaerobic Digestion Process Victor Alcaraz Gonzalez, Rene Alejandro Flores Estrella
110	Atyaoui Malek	Polypyrrole Thin Film Grown on Silicon Nanowires for Photo-catalytic Degradation of Organic Dye Hatem Eazzaouia
121	Souad Amieur	Exploration of bacterial diversity in soils by Fluorescence in situ hybridization and amplicon 16s rRNA Methods Karim Chekroud



Lunch : 12:50 - 2:00

April 27, 2025 2:00 - 4:00 / Room1 - Panel ADH «Architecture, Design and Heat Transfer»

ID	Author(s)	Title
142	Snoussi Safa	Transferts de Fonds et Croissance en Tunisie : Une Nouvelle Méthode Approche par Variable Instrumentale Seghir Sonia
152	Chaib Baghdad	Sustainable food security as a support for the social dimension in Algeria
11	Danjuma Ahmad	Financial Inclusion, Income Inequality and Financial Dollarization in Nigeria: An Empirical Analysis
18	El Afty Majda	Exploration of Institutional Determinants of Tax Morality in the Moroccan Context: Case of Liberal Professions Bouchra Alj
61	Hedi Trabelsi	Une approche d'analyse SWOT pour le développement durable de l'énergie photovoltaïque en Tunisie Younes Boujelbene
29	Mariem Mrad	Prédiction des performances dans la chaîne d'approvisionnement basée sur le modèle SCOR® et les réseaux de neurones multicouches Younes Boujelbene
60	Hedi Trabelsi	La contribution des énergies renouvelables au développement durable Younes Boujelbene
58	Foued Chihi	Effect of Public Debt on Economic Growth: Lessons from the MENA Region

April 27, 2025 2:00 - 4:00 / Room2 - Panel «Communication & Network»

ID	Author(s)	Title
6	Layla Wakrim	Enhancing Network Intrusion Detection with Neural Networks: A Comparative Study of ANN, LSTM, and MLPC Models Oubaida Sonde, Kaoutar El Handri
19	Saad Narimane	Real Time: 3D Facial Expression Recognition Using Convolutional Network AlexNet via Deep-Emotion Noureddine Djedi
36	Jabli Mohamed Amine	Deep Learning for Alzheimer's Diagnosis: MRI-Based Preprocessing and Classification
46	jabli mohamed amine	Implementing of Color Image Enhancement Algorithm based on the DCT domain on Spartan
72	Sara Rashid Fkini	A Survey of Digital Transformation from 5G to 6G Amer Zerek



Coffee Break: 4:00 - 4:20

April 27, 2025 4:20 - 6:30 / Room 1 – Panel MGO «Management & Governance»

ID	Author(s)	Title
138	Alaoui Medarhri Oum Kaltoum	L'IA appliquée au Marketing RH : Un levier clé pour améliorer la satisfaction des collaborateurs Rhouni Bellouti Abdelghani, Harmaz Meryem, Marghich Abdellatif
81	Asma Hadjira Sebbane	Assessing the Long-Term Effectiveness of CO ₂ Emission Reduction Policies: An Econometric Analysis of Major Global Emitters Ikram Benazza
38	Baklouti Mariam	Le coaching professionnel : fondements théoriques perspectives pratiques : vers une typologie de ses composantes Rym Bouderbela , Joughaina Gherib
37	Chaima Abid	Réinventer l'Expérience Usager: L'Impact du Design Thinking et du Lean sur le Parcours Citoyen dans les Services Publics
32	Dorra Dridi	Les outils d'optimisation de la chaîne logistique pharmaceutique aval: revue de la littérature Younes Boujelben

April 27, 2025 4:20 - 6:30 / Room 2 –Panel « Information Technology & Computer Science »

ID	Author(s)	Title
33	Zahra Abdalla Elashaal	Arabic Plurals Classification using Transformer Howayda Abedallah Elmarzaki, Abdulbaset Mustafa Goweder
28	Elmissaoui Taoufik	Predicting Cardiovascular Disease Risk Using Machine Learning Onyedeké Obinna Cyril
3	Elhaloumi Redouane	An empirical study on the use of cloud computing in healthcare in Morocco. Jabraoui Siham
1	Howayda Abedallah Elmarzaki	Evaluating the Impact of Image Compression Rates on Machine Learning Models Accuracy in Classification Tasks Elbhlul Emhimmel Fgee, Rabei Alhadad
17	Aisha Ali Elzegr	Survey on The IoT Security and Blockchain as a Solution

ID	Author(s)	Title
15	Amina El Abed	Artificial Intelligence in the Service Sector: A Mixed-Methods Analysis in the Tunisian Context Moez bellaaj
124	Bezzaoucha Chahinez Fadia	L'adoption de paiement électronique en Algérie : comportements des consommateurs et des entreprises face aux TPE Haili Siham ,Laoudj Zouaoui
30	El-Amri Romdhane	La Cocréation de Valeur avec l'Intelligence Artificielle dans un cadre de Marketing B2B : État de l'Art et Perspectives de recherche Ben Naoui Feten
131	Mayssa Makni	La co-création identitaire à l'ère du digital : Interactivité communautaire et design participatif
16	Mohamed Bouikiker	The role of artificial intelligence in organizational resilience Hafsa Ouahi El Agy Majda
20	Rim Bahloul	The Economic Implications of Digital Transformation and Cybersecurity on Growth Dynamics in Emerging African Economies: A Panel Data Analysis

nd
2 Day

Monday
April 28, 2025

Plenary Sessions

9:00 AM-09:50 AM



Room 1: Haitham S. M. Ramadan (FRA)
Chair : Janjest (NDL)



Room 2: Mehmet Karan (TUR)
Chair : Adriana (ROM)

Plenary Sessions

9:50 AM-10:30 AM



Room 2: Hanife Yesilyurt (TUR)

April 28, 2025 / 09:50 - 10:30 Room 1- Poster

ID	Author(s)	Title
23	Amal Kraiem	Modeling of the silo walls to ensure the safety of grain storage Arij Nasfia Hayder; Jalila Sghaier
34	Ghania Radji	Removal of a pharmaceutical pollutant by heterogeneous photocatalysis using mixed oxides derived from hydrotalcite-type materials Abderrahmane Hiri, Nouredine Bettahar
1	Hind Houssou	Seasonal trends and breeding practices that influence the performance of imported dairy cows in north of Algeria Sameh Sahi, Chaima Attia, Meryem Maarfia, Houcem Eddine Hezam
91	Moudjari maroua	Valorisation of carrier sand with a bric sand in ordinary concrete Belbali Assia, Bouhali Rima
70	Brahim Guezzen	Ammonium-Based Ionic Liquid Modified Bentonite for the Removal of Anionic Dye: Process Optimization Using Box-Behnken Design Approach Rachida Berrezouk, Baghdad Medjahed
50	Kerrouche Mustapha	Control Strategies for 3-Level NPC Inverter-Based PV Systems A Comparative Analysis of PI and PID Controllers in Boost and Direct Configuration Himour Kamal
41	Mellouki	Non-Destructive Electropyroelectric Characterization of Cr-Doped GaAs: A Thermal-Electrical Crucial Tool for Advanced Semiconductor Engineering N. Khaldi, S. Ilahi M. Lazaar
22	Hammad Imane	Optimising the nutritional and sensory quality of gluten-free flours Abbou Amina
38	Abdelmalik Bouhental	Gestion optimale de la production des centrales hydroélectrique à court terme Ahmed Bensalem, Bouhental ,Med_Islem, Ghoulemallah Boukhalfa, Messaoud Boubir
36	Soulimane Ritha	Computational Methods in Heterogeneous Catalysis: A Novel Approach to Catalyst Design
90	Samir Mezani	Etude du cycle de développement de Bruchus rufimanus (Coleoptera : Chrysomelidae) sur trois parcelles de Vicia faba var. major L. et une parcelle de V. faba var. minor L. dans la région de Kabylie (Algérie) Chaabna-Kacha Dyhia Et Bourenane El Khansa

103	Ons Tlili	Comparative study of numerical and algebraic approaches for the evaluation of the thermal balance of a sports hall Located in Italy Sempore Jean Yves Gabriel
76	Ahlem Belaib	Test of combined bioremediation by <i>Hédysarum pallidum</i> and <i>Aspergillus tubengensis</i> of antimony contaminated soil. Alima Bentellis Qualida Rached
49	Khodja Khadidja	Investigating the chemical kinetic of biomethane decomposition using non-thermal plasma process for hydrogen production Issam Abadlia, Abir Azara, Ablehamid M'raoui, Djamoui Lalmi, Nadine Djouama
68	Mohamed-Akram Soussou	Reliable Measurement of electron Diffusion Coefficient Using the (EPE) Technique: Insights into n-type GaAs-based detectors Imene Mellouki, Nawel Khaldi, Mariem Lazaar
76	Belaib Ahlem	Test of combined bioremediation by <i>Hédysarum pallidum</i> and <i>Aspergillus tubengensis</i> of antimony contaminated soil. Bentellis Alima Rached Qualida
48	Sagaama Abir	Molecular optimization, weak interaction study and pharmaceutical properties of benzofuran carboxylic acids Noureddine Issaoui
31	Magraoui Rabah	Vibration Monitoring of Industrial Rotating Machines and Development of a Graphical Interface Ouali Mohammed
111	Lebid Mahmoud	Physico-chemical properties of $\text{LaFe}(1-x)\text{Mg}_x\text{O}_3$ ($0 \leq x \leq 0,6$) Catalysts for Methanol Oxidation Saadi Houcine
208	Wassim Ben Salem	Photo degradation of diclofenac par des nanoparticules d'oxyde de zinc Hajer Chemingui, Rim Riahi, Nabila Bensacia, Ahmed Hannachi
206	Rim Riahi	Elaboration de supports catalytiques pour la photo dégradation d'un composé pharmaceutique Wassim Ben Salem, Manila Bensacia, Ahmed Kettab, Ahmed Hannachi
124	Lardjane Nadia	Contamination of water by the poly vinyl chloride additives Malika Chenna, Naima. Belhaneche-Bensemra
202	Mouhoub Khadidja	Amélioration des sondes de conductance pour la mesure de la rétention gazeuse dans les écoulements diphasiques Hachemi Madjid
200	Bahbah Nardjess	Optimisation des procédés de dessalement par congélation : Une Approche Expérimentale et Modélisation Thermodynamique Alouache Bisma. Zemmouri Hassiba. Deghmoum Mohamed
214	Khaoula hidouri	Thermogravimetry technical to study the stability of membrane Ali-Benhmideche Béchir Chaouachi
130	Latreche Sofiane	Revêtements Ni-Zn activés pour la production d'hydrogène vert : Electrodes à haute performance pour l'électrolyse de l'eau Naïma Boutarek-Zaourar, Fouzi Messaoud, Samir Mansour
215	WafaMejri-Belgaied	Development of a green chromatographic method for the determination of Paracetamol in bulk substance and in drug product Emna Toujeni Henda Jemni, Borhen Abid Nizar Laabidi Jamel-Eddine Belgaied
123	Farouq Oumayma	L'intégration de la digitalisation dans la chaîne d'approvisionnement : Degré et segments concernés Afaf Bensghir, Ghizlane Benrezzouk
125	Guerriche Benallal	L'effet de l'identité de la marque et l'identification sociale Sur la fidélité des clients.
147	Nabil brahmia	استخدام الذكاء الاصطناعي في مصلحة الضرائب في جنوب إفريقيا SARS
22	Mrabti Kawtar	Development of an Innovative Decision Support Tool for Simplifying the Technical Study and Sizing of Off-Grid Solar Installations Amrouche Badia

27	Marwen Boughdiri	Plasmonic Tunable Graphene-Based Circularly Polarized Antenna for 6G Applications M.Boughdiri, S.Boughdiri, P.Livrieri, S.Missaoui
168	chaima baazaoui	Climate Change and Agriculture in MENA Countries: Impacts and Strategies of Mitigation Ameni Gallas



Coffe Break: 10:30 - 11:00

April 28, 2025 11:00 - 12:50 / Room 1 – Panel « Chemical Engineering and Materials »

ID	Author(s)	Title
92	El Alem Noureddine	Preparation of carbon materials from the recovery of digestate for applications in the decontamination of aqueous environments Farsad Salaheddine, Chaoui Ayoub, Ben Hamou Aboubakr, Benafqir Mohamed, Nouj Nisrine
19	Souha bouajila	Investigation of electronic properties in InAs/GaAs QDs by means of photo-thermal deflection technique (PBD) S.Bouagila, S. Ilahi, M. Baira, A. Mandelis, N.yacoubi
58	Nawel Khaldi	Enhancing Thermoelectric Performance of Sb-Doped CuInS ₂ Thin Films through Controlled Annealing Imene Mellouki, Ines Abdelaziz, Mariem Lazaar
30	Kahina Aoudia	Fabrication and Characterization of Cu ₂ O p-n Homo-Junctions for Energy Conversion Systems: Study of Deposition Parameters Naima Brinis, Hassiba Tighidet, Nabila Cherchour, Houa Hammache
27	Ben Mahmoud Iteb	Structural, optical, and biological characterization of a new cobalt-based mixed halide hybrid compound: Insights from DFT and vibrational analysis Sandra Walha Dammaka, b, Nourhene Zammelc, Ali Ben Ahmedd, Houcine Naïlia
83	Essui Konan Roger Fulgence	Étude des conditions de préparation et des impuretés des rectifs sur les performances d'un catalyseur hétérogène à base de fer magnétique et de métal alcalin dans un procédé de production de biodiesel Wennd Kouni Igor Ouedraogo
7	Walha Sandra	Antimicrobial activity and DNA nicking in 1,3-diaminopropane supramolecular assemblies: The role of strong hydrogen bonds and weak interactions
93	Sagaama Abir	Intermolecular interactions investigation and molecular docking study of 4-methylthiophene-2-carboxiamide using DFT calculation Noureddine Issaoui

April 28, 2025 11:00 - 12:50 / Room 2 – Panel CID «Control, Identification & Modelling»

Keynote Speaker : Janset K. Daşdemir (NLD)



ID	Author(s)	Title
78	Abdulssalam Mohamed Gumaidh	Quality of Service (QoS) Policies Impact the Performance of VoIP Over WiMAX Networks A. M. Yahya, Ruaa. A. Gumaidh
18	Abdulmuez Mohamed Alasheg	Multi- Stage Recursive Least Squares Algorithm for Box–Jenkins Systems Abraheem Naji Almuzoughi, Nasar Aldian Ambark Shashoa
42	Abdelaziz Mrabti	Material FLOW Analysis and Optimisation Using Simulation and Milk RUN System: A Case Study of an Automotive Wiring Industry Sana Bouajaja, Khaled Nouri
61	Abdulghafoor Ahmed Kshinba	High-g Barrel Roll Maneuvers Against Proportional Navigation Othman maklouf, Zakaria rhouma, Moez Baraka

77	Abdulssalam Mohamed Gumaidh	Modeling and Performance Analysis of Communication Network for Digital Substation Automation System
79	Abdulssalam Mohamed Gumaidh	The practical applications of FortiGate Next-Generation Firewall (NGFW) with ADVPN technology A. M. Yahya, Ruaa. A. Gumaidh
10	Roya Fathi Sabri	M-Decomposed Recursive Generalized Extended Least Squares Algorithm for CARARMA Systems Munya Ali Arwini , Nasar Aldian Ambark Shashoa

April 28, 2025 11:00 - 12:50 / Room 3 – Panel MGO- «Management & Governance»

Keynote Speaker : Marija Boban (CRO)



ID	Author(s)	Title
153	Fatima Zahra El Adnani	Gestion des Risques de Rupture Contractuelle : Outils et Bonnes Pratiques Ali Aoujil, Mohamed Anis Tamiri, Mariam Cherkaoui
121	Hakem Dheif Allah A. Sharari	Transformational Leadership and Employee Performance: The Moderating Role of Human Resource Management Fadi Rashad Arafat
87	Ilham Ouazzou	Governance and stakeholders in major urban projects in Morocco: the case of the city of Agadir Ait Errays Noureddine
48	Irene Ariante	Predictive Models in Business Management: a Preliminary Investigation into Efficiency, Decision-Making and Strategic Value Simone Luongo, Giovanna Del Gaudio
69	karima Boudedja	Arrangements institutionnels des dispositifs de conseil agricole : quels effets sur la durabilité environnementale des exploitations céréalières en Algérie Aissa Belhadi, Amine Oulmane, Lynda Alouane
128	Khaoula Mansour Ben	Fostering Public Value through the Open Government Partnership: Challenges and Opportunities for the Digitalization of Tunisian Administration Karim Ben Kahla
82	Lahna Idres	Plastic Recovery Market Regulation: Case of Very Small Businesses in Algeria
2	Lounaci Abdelhakim	How do volatile rents influence incentives to reform in non-democratic countries? Souam Said



Lunch : 12:50 - 2:00

April 28, 2025 2:00 - 4:00 / Room 1– Panel CEM «Chemical Engineering and Materials»

ID	Author(s)	Title
85	Nawres Lazaar	Single Atom Pt Loading on C ₃ N ₄ for enhanced Photocatalytic Hydrogen Production Efficiency Abdessalem Hamrouni- Hinda Iachheb-Patrik Schmuki
119	Mohsen Jemai	Nonlinear optical properties of 2D-W _x Mo _{1-x} Te ₂ and its applications in energy conversion and storage devices Nouha Mastour, Said Ridene
134	Souhir Abdelmoumen	Impact of the Temperature on the yields of Hydrochars from Mill Wastewater and Raw Olive Pruning Zahra Sayouri, Ahmed Bourafac, Mariem Belhachemid And Bisma Khiari

137	Mastour Nouha	Electroluminescence yield from exciton dissociation in organic-inorganic layers. Said Ridene
128	Omar Zitouni	Influence of barrier and well on the performance Ge _{1-y} Sn _y /Ge _{1-x} Sn _x /Ge _{1-y} Sn _y quantum well for the mid-infrared detector Nouha Mastour Said Ridene
139	Zeineb Aloui	Improvement of Optical Efficiency of a Multi-Concentrator by means of a new geometric configuration Hiba Akrouit , Béchir CHaouachi
116	Bouras Hadj Daoud	Eco-friendly In-situ Fabrication of Iron Nanoparticles Using Tamarix articulata For Efficient Cr (VI) Remediation Noureddine Bouras, Nadir Dizge

April 28, 2025 2:00 - 4:00 / Room 2– Panel SNT « Information Technology & Computer Science»

ID	Author(s)	Title
65	Haitham Saleh Ben Abdelmoula	Machine Learning on Ethereum Transactions: Addressing Imbalanced Data for Fraud Detections Inass A. Husien, Faraj O. Ehtiba, Akram Mohammed Imbarak
2	Fawzia Abdalgani Elsaid Mansur	A Survey of Machine Translation Approaches Aisha Bazama. Abdelbaset Mustafa Goweder
63	Haitham Saleh Ben Abdelmoula	Enhancing Retinal Disease Diagnosis using Quantum Image Processing Hend Abdelgader Eissa, Esra Faraj, Abdulhkim Alhadi Anaiba
21	Kahina Benhabiles	Hybrid Data Duplication to Ensure Adaptability and Availability Djamel Eddine Zegour
26	Benabbou Amin	Matrix factorization based model for book recommendation Hamdadou Djamilia
14	Issam Dridi	Contrôle intelligent des systèmes de suspension active des véhicules à l'aide d'algorithmes avancés d'apprentissage par renforcement Noureddine ben Yahya ,Anis Hamza
8	Sulaf Elshaar	Regression-Based Machine Learning Models to Predict Healthcare Costs Saleh Mustafa ,Saeid Nagem
24	Rabeia N Abd Alati Elfrjane	Intelligent Control system for Adaptive Speech Recognition Jalila Alferjany Khamisa ,A Yousef
43	Mohaddese Hazini	Force Control of a 2-DOF Flexure-Based Manipulator for Safe Interaction Janset Dasedmir Wouter Hakvoort

April 28, 2025 2:00 - 4:00 / Room 3– Panel EIF « Economic Strategies & International Finance »

ID	Author(s)	Title
28	Mariem Mrad	Supply Chain Management and Generative Artificial Intelligence: A Bibliometric Analysis Younes Boujelbene
59	Meziane Mohammed Toufik	Measuring the impact of economic diversification on inflation rates in Algeria - An econometric study during the period (1999-2022) Beddiar Ahmed
139	Rabeb Mahjoub	Causal links between Bond and Stock Market: Crushes, contagion, and bubbles Ali Trabesi Aida Kammoun
19	Rim Bahloul	The Nature of Inflation-Growth Nexus in Tunisia: Empirical Study with ARDL Approach

25	Saoudi Ayyoub	Predictive Modeling for Health Insurance Reserving in Morocco: A Neural Network and Risk Profiling Perspective Hajraoui Ghita Hajraoui Kenza Zahi Jamal
52	Saoussen Aguir Bargaoui	The impact of Environmental Tax and Emission Trading System on Environmental Quality in OECD Countries Wejdene Fatnassi
161	Yosra Bejaoui	Elasticité de l'emploi à la croissance en Tunisie
167	Meriam Ghariani	Rôle des coopératives agricoles dans le développement économique et durable en Tunisie : Investigation empirique. Fayçal Ben Ameer



Coffe Break: 4:00 - 4:20

April 28, 2025 4:20 – 6:30 / Room1–Panel EBA «Environmental Engineering & Biotechnology Applications»

ID	Author(s)	Title
211	Gaceur Emna	Impact climatique et anthropique sur la végétation au sud de la Méditerranée centrale (détroit siculo-tunisien) au cours des 5 derniers millénaires Stéphane, Imen, Najib
138	Boudina Tounsia	Béton recyclé : Une alternative durable pour l'ingénierie écologique Bounouni Sofiane
66	Chourabi Amira	Charge Image Effect Induced by the Dielectric Mismatch in PbSe/CdSe Core/Shell Spherical Quantum Dots through the Influence of Electric Field Zeiri Nabil
63	Fariat Yousra	Electrodeposition of Chalcogenide Thin Films : Advancing High-Performance Photovoltaic Materials Khoumri El Mati, Ait Layachi Omar, Battiwa Imane
44	Fasla Asmahane	Sorption Of Dyes From Colored Textile Waster By Poly (methacrylic acid-cross-Nacrylate-N,N-dimethyl-N-dodecyl ammonium bromide) Hydrogels: Equilibrium And Kinetic Studies Sebti, Iddou
74	Kawther Hammouda	The combined effects of electric field and embedded dielectric matrix on the electronic and optical properties in Ge/SiGe core/shell quantum dots and its SiGe/Ge inverted structure Zeiri Nabil

April 28, 2025 4:20 – 6:30 / Room2– Panel MGO «Management & Governance Conference»

ID	Author(s)	Title
78	Tiron Tudor Adriana 	The status of sustainability topics integration into the professional accountants' education in Europe
22	Manel Gharsi Missaoui	Transformation du rôle du manager associatif à l'ère de la performance durable : cas des Scouts Jouhaina Gherib
43	Mohamed Fitouri	Le Leadership Charismatique et l'Entrepreneuriat dans les PME Tunisiennes : L'Impact Modérateur des Politiques Publiques
144	Najla Wannès	Le succès des entrepreneurs Tunisiens : quel rôle du capital social et financier ? Anis Jarbouï
143	soufien zouari	management stratégique Salah Ben Hamad

76	Meryem Harmaz	Le Recrutement intelligent : Étude De l'Impact de l'IA sur L'efficacité Du Processus de recrutement - cas des entreprises marocaines Youness Bourial
157	Mourad Souissi	Etude exploratoire des facteurs clés de succès des startups de commerce électronique en Tunisie Younes Boujelbene

April 28, 2025 4:20 – 6:30 / Room3- Panel ADH «Architecture, Design and Heat Transfer»

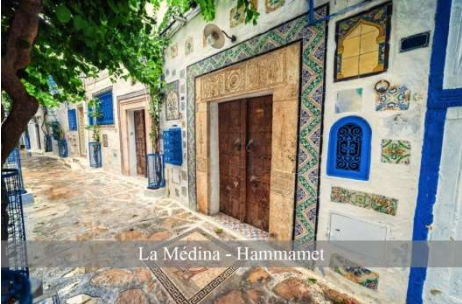
ID	Author(s)	Title
213	Ali Benhmidene	Experimental Study Of Thermal Behavior Of Greenhouse Heated By Solar Thermal Energy In Continuous Mode Hiba Akrouf, Khaoula Hidouri, Yanru Li, Bechir Chaouachi
207	Lamiaa Rchida	Thermal Regulation in Extreme Environments: A 3D Model of Polar Bear Fur Insulation Mourad Rattal, Abdelilah Nait Bihi, Younouss Bahou, Azeddine Mouhsen, Mohammed Harmouchi ,El Mostafa Oualim
216	Raoudha Chaabane	Transient Convective Radiative Heat Transfer in a Heated Open Receiver
60	Askri Maher	Competitive water adsorption for low-energy desalination: Insights from statistical physics theory Yosra Ben Torkia
99	Sonia Ben Mahmoud	Modeling Methylene Blue Adsorption on Trititanate Nanotubes: Steric and Energetic Approach through Statistical Physics Formalism Yosra Ben Torkia

**GALA DINNER, AWARD DISTRIBUTION,
& CLOSING CEREMONY**

8:30 PM



APRIL 29, 2025
FREE DAY
SOCIAL ACTIVITIES



La Médina - Hammamet



The Kasbah - Hammamet



Souk - Hammamet



Villa George Sebastian - Hammamet



Port - Yasmine Hammamet



Carthage Land - Yasmine Hammamet



Nabeul



Diar Lemdina - Yasmine Hammamet



Hammamet



Hammamet



Yasmine Hammamet



Hammamet

May 05, 2025 / 9:00 – 11:00 «Control Engineering & Information Technology»

Chairs : Amer Zrek - Janset K. Daşdemir

ID	Author(s)	Title
4	Monther M Elaish	Propose a Model of E-learning Acceptance in Poland and Libya
20	Tahani Almabruk	Investigating Resting-State Functional Connectivity in Autism Spectrum Disorder: An EEG-Based Study Abdullah Abdulhamid, Esmail Saad, Samia Abdalhamid
9	Nadine Elbueishi	Utilization of H2O AutoML Approaches for the Evaluation and Categorization of Power Quality Characteristics Eman ayad
60	Bouya Sara	Intelligence Artificielle et Jumeaux Numériques : Une Révolution pour la Performance et l'Innovation Industrielle Kenza El Kadiri
71	Loembe Souamy Rostand Martialy Davy	Chaos Extension Radial Basis Function Neural Network Based Fault Diagnosis Method for Solar Photovoltaic System Integrated in Inverters of the Three-Phase into the Electrical Grid of Congo-Brazzaville Ange ABENA
80	Alhammi.A.I	Wireless Power Transfer Technology Ibrahim Salem , Rashed M.Marimi
25	Mahmud Mansour	Cost and Availability Improvements for Fault-Tolerant Systems Through Bidirectional Forwarding Detection (BFD) over the Gateway Load Balancing Protocol (GLBP) Ahmed Hassan
44	Malek Ben Abdeljelil	Environmental effect for V2V communication Hayfa Fhima
85	Wahiba El Mestari	Analysis of Crossover and Mutation Effects on Wind Farm Performance Using Genetic Algorithms at Two Wind Speeds Nawal Cheggaga, Ghalem Abdelhak
45	Tahar Nouaoui	Robust speed control of PMSM using a fractional order 2-DOF-PI controller Abdelmalik Bendaikha, Abdelhakim Dendouga

May 05, 2025 / 11:30 – 1:30 «Business Economics, Marketing & Management Research»

Chairs : Btissam Legdali - Nadine Khair

ID	Author(s)	Title
8	Abdellaoui Ibtissam	Proposition d'un baromètre d'évaluation de la performance de système d'information de gestion SIG
46	Achmaoui Amina	Les déterminants de l'inclusion financière au Maroc : Impact du numérique dans un contexte en pleine évolution. Yerrou Hafssa
14	Adil Kaoutar	Comparaison théorique des modèles de prévision de la demande classiques et des modèles d'intelligence artificielle : avantages, limitations et perspectives Balar Khalid - El Alami Amina
23	Belgaid Mohammed djawad	Theoretical Aspects of Tourism Investment and Desert Tourism Qwider Larbi
127	Bissoug hiba	Les pays ayant libéralisé leur régime de change subissent-ils moins d'inflation ? Cas des pays en développement Hicham Assalih

18	Bouchra Alj	Exploration of Institutional Determinants of Tax Morality in the Moroccan Context: Case of Liberal Professions Majda El AGY
6	Bouhlala Meriem	Transition énergétique et logistique : les enseignements d'un cas d'étude
86	Cheima Ali Bensaad	Data Mining and Machine learning models comparison for the prediction of financial stock prices Yasir Iqbal ,Beena Rashmi
164	Soukaina Zaki	Analysis of Determinants of Sustainable Employment among Moroccan Graduates: The Role of Language Skills and Internship Experience
63	Hajar Mansour	L'efficacité opérationnelle dans la supply chain pharmaceutique Rhizlane Benrezzouq

May 05, 2025 / 2 :00 – 4:00 «Green Energy & Environmental Engineering »

Chairs : DSc Viola Vambol - Claudia Fernanda Yasar

ID	Author(s)	Title
64	Viktoriiia Skyba	Comparative Analysis of Waste Management Performance (Experience of Ukraine and the EU) Nataliia Vozniuk, Oleksii Buhaiev
10	Abdulrazzaq Hammal	Preparation of geopolymer membranes using clay and some industrial wastes To remove the organic load of pharmaceutical wastewater
26	Gourchane Farah	Investigation of Lemna gibba's removing capacity in a lagoon wastewater plant Said El Hasnaoui , Majda Flayou , Mohammed Laaouan , Aberrahim El Hourch
14	Meziane haciba	Changement climatique et le couvert végétale de la région de tlemcen Nebia-Meziane Assia,Korso-Bouabdallah Lamia
196	Hounogbe Kokou Hometowou	Management of PCB-contaminated lands in Bel air(Senegal): physicochemical and biological approaches for Sustainable management
180	Alimata Sawadogo	Caracterisation De La Qualite Des Eaux Souterraines Du Bassin De La Comoe Au Burkina Faso Meriem Bellarbi, Samuel Ouoba, Mohamed Qurtobi, Hamid Marah, Antoine Bere
205	Bendeif sarah	Purification Des Fractions Glucidiques Issus Des Margines Originaire De Khenchela, Leurs Caracterisation Structurales Et Activites Biologiques Kadi Kenza ArhabRabah
198	Alouache Besma	Optimisation des Conditions Opérationnelles pour le Dessalement de l'Eau de Mer par le Froid : Simulation et Modélisation Bahbah, Zemmouri, Deghmoum
192	Hounogbe Kokou Hometowou	Environmental and health crisis: Challenges in managing asbestos-contaminated land in Bel Air's town (Dakar Sénégal)
95	Viktoriiia Skyba	Greenhouse gas emissions from the «Waste» sector (Comparative Analysis of Ukraine and the EU) Serhii Vozniuk, Nataliia Vozniuk, Olena Likho

May 06, 2025 / 09:00 – 11:00 «Business Economics, Marketing & Management Research»

Chairs : Btissam Legdali - Nadine Khair

ID	Author(s)	Title
79	Derrar Arslan	L'impact du marketing digital sur la performance des entreprises: le rôle stratégique du top management à l'ère de la transformation numérique Tchouar Abdelkrim, HABI Abdellatif
158	Fatima Ezzahra Jdahim	L'influence des stimuli marketing sur le comportement d'achat impulsif dans les magasins duty free : une perspective sensorielle et promotionnelle Omar El Amili
155	Fernane Djamilia	Le tourisme solidaire comme instrument de développement local : Vers une analyse des principales motivations d'un touriste solidaire : cas de la Kabylie
36	Hafsa Ait Kadir	Technology Acceptance Model (TAM) and AI Copywriting: Perceptions and Challenges in Morocco's Advertising Industry Bhah Nabila
65	Houmami Chayma	Unveiling Green M-Banking: Advancing Ethical Sustainability in Moroccan Adoption Trends Akram Bouwdad, Rania Achchak, Younes Lafraxo
162	Ilham Asserrar	Réseaux sociaux et alimentation responsable : quel rôle pour les influenceurs au Maroc ? Noureddine Aït Errays
17	Karim MAZROUB	Le management des établissements scolaires et l'IA au Maroc : Défis et perspectives Nabila Bhah
55	Kejji Hicham	La gestion décentralisée du secteur public. Legdali Btissam
39	Kenza Hajraoui	Les technologies de l'intelligence artificielle au service de la relation client : pour une optimisation des interactions tout au long du cycle de vie. Ghita Hajraoui, Chama Jaride, Kaoutar Zaidane, Ayoub Saudi
163	Soukaina Zaki	Determinants of higher education graduates' salaries in Morocco: Analysis of disparities and employability factors Leila Skalli

May 06, 2025 / 11 :30 – 13:30 «Green Energy & Environmental Engineering»

Chairs : DSc Viola Vambol - Claudia Fernanda Yasar

ID	Author(s)	Title
18	Sabrine Soltane	Green Frontiers: Leveraging Allelopathic Endemic Flora for Sustainable Border Security and Illegal Immigration Deterrence — A Proposal Case for Algeria— Tarek Benmeddour
72	Angba Yapi Joel	Optimization of biosurfactant production using rubber tree seed oil as sole carbon source Alpha Ousmane Toure, Yao Kouassi Benjamin, Drogui Patrick
83	Essui Konan Roger Fulgence	Étude des conditions de préparation et des impuretés des rectifs sur les performances d'un catalyseur hétérogène à base de fer magnétique et de métal alcalin dans un procédé de production de biodiesel Wennd Kouni Igor Ouedraogo
100	Moustafa	Dimensionne quatre central de production décentralise hybride (pv/éolien) ,hydraulélectrique géothermique pour charge électrique 3000kw et 1900kvar Fares

183	Mezouri Ikram	Study of the antibacterial activity of some fungi isolated from two sebkha (Tamentit and Aoulef) in the Adrar region Makhloufi Ahmed / Chebloune Yahia
101	Harleen Kaur	Smart domestic waste management system Mohammad Ammar
114	Oudrane Abdellatif	Experimental Study of the Thermal Behavior of a Workplace in the Adrar Region: Case Study Abdelmalek Bada, Lyacine Bennacer, Benaoumeur Aour, Rafik Belarbi
132	Narimene Mansouri	The use of essential oils in poultry farms: Preliminary study validating the antibiotic action of two Algerian essential oils on multi-resistant avian Enterobacteria Nesrine Mellouk, Nora Benrachou and Leila Aoun
212	Sory Diarra	Revue bibliographique critique sur les techniques d'amélioration des performances des distillateurs solaires Paul Byrne , Ousmane Sow , Sidy Mactar Sokhna , Souleye Faye
126	Rana al-Dujele	Study on the behaviour of ecological concrete Assist Yasir Al-Okbi, Muhsin Jaber Jweeg

May 06, 2025 / 2:00 – 4:00 «Business Economics, Marketing & Management Research»

Chairs : Btissam Legdali - Nadine Khair

ID	Author(s)	Title
49	Khadija Lmoussaoui	Contribution à l'analyse des facteurs déterminants des stratégies de croissance des PME familiales marocaines : Cas de la région de Souss Massa. Abdelaziz Messaoudi
27	Louis Steevenne Assoumou-Mve Ngonga	Sustainable development and socio-economic approach to management Rhizlane Benrezzouq , Abdeslam Chraibi
34	Maryem Benbari	Brand Image Under Threat? How Resistance Shapes Moroccan Consumer Engagement and Loyalty Imane Soukri , Nabila Bhih
3	Marzaq Chaimae	Electronic Contracts: Legal Challenges and Business Law Perspectives Nfissi Kawtar
12	Najlae El Khammari	Modélisation de l'impact du programme de formation du lycée Attahadi sur la performance des élèves Rachid Hasnaoui
13	Rais Fatimazahra	Le marketing social comme levier stratégique pour une consommation responsable : Un modèle intégratif appliqué à la réduction de l'achat compulsif Berrada Abla
5	Samer Mehibel	The geopolitical perspective of food security in developing countries: An econometric investigation Reda Hamza Boudjana, Amel Bouzid, Messaoud Lazereg
57	Sara elamraoui	Revue systématique de la littérature sur l'impact de la crédibilité des influenceurs sur l'intention de visite Sliman Mounia
10	Siham Lotfi	Réflexion sur les facteurs explicatifs de la défaillance des entreprises marocaines
33	SOUKRI Imane	The role of authentic leadership in promoting psychological well-being Benbari Maryem ,Bhih Nabila
74	Yassine moutie	Abstract L'impact de l'audit interne sur la gouvernance d'entreprise : revue de littérature Bendada maryame

120	Zellal ahlem	Déploiement d'un outil mobile pour l'optimisation du temps
156	Zaidi Meryem	Enhancing Workplace Resilience: Strengthening Psychological Capital Abdelaziz Zohri
9	Siham Lotfi	Prédiction du risque de crédit : Etude comparative des techniques de Scoring

International Conference Program

April 27 – 29, 2025 / Hammamet-Tunisia

	Saturday 26, 2025	Sunday, April 27	Monday, April 28	Tuesday, April 29
8:00 AM - 8:50 AM		Registration	Registration	Free Day
9:00 AM - 09:50		Welcome Speech and Guest Introduction	Plenary Sessions Room 1 : Prof. Haitham S. M. Ramadan Room 2 : Prof. Mehmet Karan	Social Activities    
09:50 AM - 10:30 AM		Plenary Session Room 1 : Mrs. Ellen Wasylina	Room 1 : Poster Session Plenary Session: Room 3 : Prof. Hanife Yesilyurt	
10:30 AM - 11:00 PM		Coffee Break	Coffee Break	
11:00 AM - 11:50 PM		Room 1 : Panels - Oral Sessions Keynote Speaker : Claudia Fernanda Yasar		
11:50 AM - 12:50 PM		Room 2 : Panels - Oral Sessions Keynote Speaker : Nadine Khair	Room 2 : Panels - Oral Sessions Keynote Speaker : Prof. Janset K. Daşdemir	
12:50 PM - 2:00 PM		Lunch	Lunch	
2:00 PM - 4:00 PM	Reception and Registration	Panels - Oral Sessions	Room 3 : Panels - Oral Sessions Keynote Speaker : Prof. Marija Boban	
4:00 PM - 4:20 PM		Coffee Break	Coffee Break	
4:20 PM - 6:30 PM		Panels - Oral Sessions	Panels – Oral Sessions	
8:30 PM			Gala Dinner, Award Distribution, and Closing Ceremony	