



May 03-06, 2024, Hammamet-Tunisia

# Conference Program Booklet

- Centre National de la Promotion Scientifique et de L'innovation -  
CNPSI





**Dr. Mohamed Razali**

Chairman of the Board  
and the Chief Executive Officer of Nusantara Technologies - Malaysia



**Dr. Ahmed Rhif**

Dean of "Centre National de la Promotion Scientifique et de L'innovation (CNPSI)"  
and "International Centre for Innovation & Development (ICID)" - Tunisia



**Prof. Abdennassar El Figha**

Hassan 2 University Casablanca - Morocco



**Prof. Georges Descombes**

University professor at Cnam, Engineer - France



**Prof. Ouardia Laoudj**

School of Higher Commercial Studies of Algiers - Algeria



**Prof. Amer Zerek**

Faculty of Engineering - Zawia University - Libya

-Online preliminary session-

**May 03, / Online Session 10h30-12h50**

**ID 17** *Artificial Intelligence and brand marketing strategy: a case study on Instagram.*  
**FAREH MORAD, IDRISSE KHADIJA**

**ID 103** *Depenses publiques d'investissement et croissance inclusive dans les pays de la cedeao : le rôle de la qualite des institutions.*  
**GNOLEBA MARTIN ZAHORE**

**ID 105** *Modelisation de l'impact des processus de previsions dans la supply chain sur la performance de l'entreprise : cas des entreprises marocaines.*  
**Latifa KHOUZ**

9h30 – 10h30

**Opening + Debate**

Ecology and International Finance



Coffee Break (10h30-10h50)

**May 04, \ 10h50-12h50 \ Room 1****Environmental Engineering**

- ID 66** *Electrochemical sensor based on MgO@PANI@CNT nanocomposites for Simultaneous detection of Cd<sup>2+</sup> and Pb<sup>2+</sup>*  
**Afef Dhffouli**
- ID 45** *Évaluation de la pression phytosanitaire en céréaliculture dans la région de Biskra*  
**Hassina Hafida Boukhalfa**, Naoual Guehiliz, Kahramen Deghnouche
- ID 50** *Monitoring De La Population De Cerf De Barbarie Dans La Foret De Beni Salah (Wilaya D'el Tarf-Nord-Est Algerien)*  
**Bouaïcha Badreddine**, Lazli Amel
- ID 2** *Experimental study of the route for the stimulating factors and influence of trace metals content in soil on the growth of the land snail helix aspersa*  
**Fadila KHALDI**, Zohra GUESSASSMA, Nedjoud GRARA, Mouna AGOUNI, Noomene SLEIMI
- ID 57** *Adsorption Modelling of Water Pollutants on Activated Carbon: Consequences*  
**Lotfi SELLAOUI**
- ID 173** *Advancements in Sustainable Energy Technologies: Integrating Renewable Energy, Biotechnology, and Environmental Engineering*  
**Salmanul Faris KP**, Muhammed Shameel MV
- ID 40** *Recycling of industrial cellulose waste in the production of fired bricks and protection of the environment.*  
**BOUZEROURA Mansour**, Yacine SEBBAH, Brahim BANOUNE
- ID 111** *Identifying groundwater pollution sources in Grombalia's phreatic aquifer.*  
**Hanan Jarray**, Thuraya Mellah, Marco D'Oria, Valeria Todaro, Maria Giovanna Tanda, Hatem Baccouche, Lobna Mansouri, Ahmed Ghrabi, Hanene Akrouit
- ID 114** *Bridging the Gap Between Quantum Computing and Cloud Infrastructure.*  
**Hend Abdelgader Eissa**, Haitham Abdelmula, Rania Alzubaidi, Hisham Amin Al Hejaji

**ID 110** *Photocatalytic removal of VOCs and bacteria in a continuous reactor: effect of operating parameters and kinetics modeling.*  
**Mohamed Aziz Hajjaji, Aymen Amin Assadi, Brahim Bessais, Anouar Hajjaji**

**May 04\ 10h50-12h50 \ Room 2**  
**Business & Economics**

**ID 104** *Heuristics in international SMES.*  
**Lahjiri Mouad, Benhida Zakia**

**ID 16** *Les effets macroéconomiques de la politique budgétaire en Tunisie : une nouvelle approche d'estimation.*  
**Foued Chihi**

**ID 10** *L'Impact des Crypto-Monnaies sur la Finance Numérique : Regards Juridiques et Économiques.*  
**Fadoua AZIOUAL, Samir Bel-Amin**

**ID 9** *A Systematic Literature Review On The Relationship Between Digital Maturity And Digital Transformation.*  
**TOUDAOUY YASSMINE, YASSINE REGRAGUI**

**ID 22** *Economie Bleue au Maroc : Tendances et perspectives.*  
**Ferdaousse ELIDRISSI, Mohamed ELHOURMI**

**ID 30** *The impact of User Generated Content Engagement on Consumer Based Brand Equity.*  
**Wifek AbdElkafi, Nibrass El Aoud**

**ID 114** *Is Scrupulosity Related to Religious Political Brands' Evangelism?.*  
**Rania Essouei, Nedra Bahri Ammari**

## May 04, \ 10h50-12h50 \ Room 3

### Environmental Engineering

- ID 106** *Intelligent study of economic and environmental renewable and hybrid energy solutions for the energy mix and self-consumption.*  
**Sambalaye Diop**, Papa Silly Traoré, Mamadou Lamine Ndiaye, Issa Zerbo
- ID 121** *Decontaminating and Recycling of polymers containing DecabromoDiphenylEther listed as Persistent Organic Pollutant.*  
**MASCHKE Ulrich**, Rachida Khadidja Benmammar, Venkateswara Rao Mundlapati, Zohra Boubberka, Ana Barrera, Jean-Noel Staelens, Jean-François Tahon, Michael Ziskind, Yvain Carpentier, Cristian Focsa, Philippe Supiot, Corinne
- ID 122** *Elaboration of gel polymer Electrolytes for electric batteries (Lithium-ion).*  
**MASCHKE Ulrich**, Ana Barrera, Corinne Binet, Philippe Supiot
- ID 180** *Conception et design d'une unite de dessalement d'eau de mer moyennant la valorisation de rejets thermiques industriels.*  
**BELGHAIEB Jalel**, BEN ROMDHANE Manel, KALLEL Bilel
- ID 109** *Effect of convective heat transfer on the interface shape during Silicon Czochralski growth for photovoltaic (PV) applications.*  
**AZOUI Hanane**, Amal Gueraoui and Siham Aziez
- ID 104** *Synthesis of TiC/Ni-Al<sub>2</sub>O<sub>3</sub> using self-propagating high temperature synthesis.*  
**Berrandan Nor El Houda**, Boutefnouchet Hafida, Yamanoglu Ridvan
- ID 138** *Impact of inclination angle of a micro medium on heat transfer enhancement and entropy generation: A Lattice Boltzmann investigation.*  
**Mokhtar Ferhi**, Ridha DJEBALI
- ID 141** *Fuzzy energy management for a standalone Photovoltaic/ batteries/ load System.*  
**Tarek Boudjerda**, Sofia Lalouni Belaid, Salah Tamaloutz



Lunch 12h50 - 14h00

## May 04 \ 14h00-16h00 \ Room 1

### Environmental Engineering

- ID 8** *Etude électrochimique de l'anticorrosion des métaux et alliages par préparation de surface hydrophobe et par l'utilisation des inhibiteurs verts*  
**Battiwa Imane**, Khoumri ElMati, Fariat Yousra
- ID 35** *Effect of Ce<sup>3+</sup> and Er<sup>3+</sup> doping on the structural, magnetic, and magnetocaloric properties of La<sub>2-x</sub>Cex/2Er<sub>x</sub>/2NiMnO<sub>6</sub> double perovskites*  
**Meftah Sana**, Bouzidi Souhir, Dhahri Jemai
- ID 170** *Status of solid waste management practices in changunarayan municipality, bhaktapur*  
**Rajish Shrestha**, Robert Dongol and Bijaya Timilsina

- ID 22** *Fabrication and Photoelectrochemical Characterization of p-Type SnSe and SnS Thin Film Structures Deposited by Electrodeposition on n-Type ITO and FTO Layers*  
**Amira Ben Hjal, Manuele Dabala**
- ID 21** *Application de l'Indice Diatomique Générique (IDG) et de l'Indice Biologique Global Normalisé (IBGN) pour déterminer la qualité écologique des eaux de l'oued Nfifikh et du barrage de l'oued el Maleh*  
**Haidar NASSUR, Nassor SAID, Khadija HILMI, Nadia MESKINI, Hafida MESSAOURI**
- ID 59** *Valorization of a mining industry waste for decontamination of industrial colored discharges: Experimental study of the adsorption of various dyes on chert*  
**Nawel TLILI, Samia Ahmadi, Najeh Mahjoubi, Elimame Elaloui**
- ID 92** *A sensitive impedimetric sensor based on Extracellular Polymeric Substances modified platinum electrode for detection of copper.*  
**Fatma Rejab, Mossab Echabaane, Ahlem Rouis**
- ID 115** *Second Law Analysis in a Non-Newtonian Fluid Flow in an horizontal Channel with Narrowing and Widening.*  
**NAOUFAL GHOUDI, Atef Jery, Magherbi Mourad**
- ID 107** *Stable Ta<sub>2</sub>O<sub>5</sub> nanotubes decorated by PbS by the SILAR method for photocatalytic dye degradation.*  
**Ines Elkhemissi, Lotfi Khezami c, Khaled Trabelsi a, Ahlem Guesmi c, Abdessalem Kouki d, John Kiwi e, Brahim Bessais a, Sami Rtimi e f, Anouar Hajjaji a**

**May 04 \ 14h00-16h00 \ Room 2  
Management**

- ID 102** *Critère de sélection de la variable entrante en cas où une variable hors-base se transforme à une variable de base et après quelques itérations elle se retransforme à une variable hors-base.*  
**Hamid Setti, Hassine Yahiya**
- ID 5** *The Impact of document auditing on operational efficiency and regulatory compliance: A Case study of Globe International Business.*  
**ENNOURI Wissem**
- ID 15** *le nouveau système de rémunération de la Sonatrach: une perspective de changement inachevée.*  
**BILEK Lila, OUSSAID Aziz, SAM Hocine**
- ID 18** *Analysis Of The Relationship Between IT Governance Mechanisms And Digital Transformation: A Systematic Literature Review.*  
**TRI RANIA, REGRAGUI YASSINE**
- ID 27** *Investigating the adoption and actual use of chatbot in algerian hospitality industry: consumer's perspective.*  
**Abderrahim Chenini, molkheir malki**
- ID 32** *Proposition d'un baromètre d'évaluation de la performance de système d'information de gestion SIG.*  
**Ibtissam Abdellaoui**
- ID 119** *The Role of Personality in Consumer animosity.*  
**Rania Essouei, Nedra Bahri Ammari**



ID 31

Contribution of Artificial intelligence to Marketing.  
**AKILAL Nassim**



**Coffee Break (16h00-16h20)**

**May 04 \ 16h20-17h50 \ Room 1**  
**Poster**

- ID 171** *Nutritional and Antioxidant Properties of Volvo Ginger (Zingiber officinale) Genotype from South Ethiopia*  
**Temesgen Laelago Ersedo**, Tilahun Abera Teka, Sirawdink Fikireyesus Forsido, Engeda Dessalegn Awugichew
- ID 74** *Action du purin d'ortie sur la morphologie et l'activite photosynthetique de quelques especes marichaires*  
**BENZAHERA Soraya**, ZOUAOUI Ahmed
- ID 79** *Correction d'un stress salin avec un bio fertilisant à base de purin d'ortie : cas de l'haricot (Phaseolus vulgaris L)*  
**AHMED ZOUAOUI**, Benzahra Soraya, Rabhi Mohamed Amine
- ID 13** *Study of the influence of synthesis conditions on the physicochemical properties on LaFeO<sub>3</sub> Catalysts for Methanol Oxidation*  
**LEBID MAHMOUD**, Benyahia Azzedine, Saadi Houcine, Laib Naouri
- ID 29** *Comparative Analysis of Kinematic Measurements of Innovative Chaotic Micromixers to Improve Mixing Performances.*  
**Lakhdar AYACH**, Naas Toufik, Ghuibech ismail
- ID 172** *Application of photocatalysis for water treatment: study and optimization*  
**MERABET Smail**, KADJI Belaid, ZABAR Zakaria
- ID 78** *Determination of lead trace in drinkable water using Square wave anodic stripping voltammetry at SnO<sub>2</sub> electrode.*  
**Lameche**, berrabah salah eddine
- ID 10** *Traitement chimique des fibres d'Alfa pour préparer des Matériaux composites*  
**Laib Nouri**, BENYAHIA Azzedine , LEBID Mahmoud, DEGHFEL Nadir
- ID 56** *Comparative Analysis of Hand Sanitizers: A Simplified Approach Using FTIR Spectroscopy.*  
**Wafa Mejri Belgaied**, Henda Jenni, Borhen Abid
- ID 75** *Elaboration de Certaines céramiques sans plomb de type pérovskite Ba<sub>1-x</sub>Y<sub>x</sub>/3 Bix/3 (Ti0,65Zr0,35)O<sub>3</sub>*  
**Naima Boutal**, Kamel Taibi
- ID 1** *Solvent Extraction of Cu with D2EHPA: Screening of Factors by Box–Behnken Design.*  
**Tassadit Louichaoui**, Amel Khetala, Fatima Ghebhoub and Djamel Barkat
- ID 30** *Cultivation Systems in the South-West of Algeria: Case Study of Ait Messaoud*  
**HADIDI Abdelkader**, Djamel SABA, Djedjiga BOUKHLEF, Miloud Benmedjahed, Youcef BAKOU, Amina BEKRAOUI and Youcef HAMMOUI
- ID 69** *Zinc stannate ZnSnO<sub>3</sub> sprayed thin film synthesis for photocatalytic degradation of methylene blue (MB) dye.*  
**Boukaous Chahra**, Iaiche Sabrina

- ID 103** *Atmospheric concentrations of PCDDs, PCDFs and dl-PCBs by passive and active sampling in Northern Algeria.*  
**MOUSSAOUI Yacine**, MAAMMEUR Hocine, SCHOLL Georges, KERCHICH Yacine, EPPE Gauthier
- ID 23** *Comparative study of Seasonal changes in Physical and Chemical Characterization of leachates from different waste management landfill site in Algeria: Decision support for advising a process treatment.*  
**Belmehti Elhoucine**, Azzabi Bara Oualiy Eddine, Mekakia Mehdi Mokhtaria, Derias Fatma Zohra
- ID 24** *Comparative Analysis of MSW Leachate Treatment Technologies in Algeria: Success Factors and Lessons Learned.*  
**AZZABI Bara Oualiy Eddine**, Belmehti Elhoucine, Mekakia Mehdi Mokhtaria, Derias Fatma Zohra
- ID 102** *Energetic valorization of castor oil by transesterification.*  
**MOUSSAOUI Yacine**, Bordji Asma, MAAMMEUR Hocine, Zenkhri Louiza, Belfar Mohamed Lakhdar, Benosmane Nadjib
- ID 129** *Exploring Single-Crystal CZTS Growth Through VGF Furnace Simulation.*  
**ABDERRAHMANE**, Oualid Arfi, Idir Hamadass, Djamel Ouadjaout
- ID 52** *Matrix elements for the Morse oscillators*  
**Cherroud othmane**, Sid-Ahmed Yahiaoui
- ID 39** *CuMnO<sub>2</sub> semiconductor for hydrogen production and heavy metal reduction.*  
**Nadia BENREGUIA**, Mohamed Trari
- ID 100** *Valorisation of vegetal biomass based xylane.*  
**Boudjellal Djamel**, Maachou Hamida and Madani Leila
- ID 15** *Bande structure and optical properties of the double perovskite Cs<sub>2</sub>AgBiI<sub>6</sub> for future solar energy applications*  
**Samir Charef**, Abdenacer Assali, Abdelkader Boukortt
- ID 99** *Valorisation of vegetal biomass based lignin.*  
**Boudjellal Djamel**, Maachou Hamida and Madani Leila
- ID 48** *Improvement of Anaerobic Digestion of Dairy Waste by Mechanical “Ultrasonic” Pretreatment.*  
**Kheiredine Bani**, Smaili Khatma, Boukhamis Ghania
- ID 49** *Design and Investigation of Antireflective Anti-Soiling Coatings*  
**Miloua Redouane**, Bouzidi Attouya, Nakrela Abdelkader
- ID 47** *Experimental and DFT study of ZnO:F solid thin films obtained by plasma enhanced chemical vapor deposition*  
**Haireche Sofiane**, Bouchenafa Mohamed ; Elbaa Mohamed ; Chahba mouna Sarah
- ID 72** *First-principles calculations on structural and electronic properties of compound CaTe with LDA approximation at different pressure*  
**DAHOU Salah Eddine**, AMERI Mohammed
- ID 19** *Study, Design and Performance Analysis of a 10 MW Grid-Connected Photovoltaic System in Zuwarah*  
**Hisham Ali Almuqouz**, Abdoalmajeed Abdoamola
- ID 82** *A prospective study of the reality and prospects of exploiting renewable energies within the framework of the renewable energies and energy efficiency program in 2030 in Algeria*  
**TAYEB Saida**, Ahmed KADARI
- ID 97** *Utilizing Date Kernels as Renewable Adsorbents: A Sustainable Solution for Water Treatment and Waste Valorization.*  
**Nabila Mouza**, Ferroudja Mohellebi

- ID 83** *Matrix elements for the Morse oscillators.*  
**Cherroud othmane**
- ID 94** *Valorization of Potato Peel in the Production of Bioethanol: Optimization of pre-treatment and enzymatic procedures.*  
**MAHMOUD ABOUSEOUD, AMINA TASSIST, WASSILA ARBIA**
- ID 86** *Effect of growth defect density on wear performance of CrMoN PVD coating.*  
**Kheireddine Bouzid, Rim LAMARI**
- ID 108** *Simulation numérique du refroidissement de la Virole d'un four rotatif à travers un jet d'air.*  
**Bouhafs Mohammed, Meghdir Abed**
- ID 12** *Synthèse du sulfure d'étain SnS.*  
**hamadas idir, Ouadjaout Djamel, Hakem Amina**
- ID 113** *study of the characteristics current-voltage in nitride GaAs schottky diode.*  
**Toumi Hayet, Mekki Abdelkader Benamara, Abassia Talbi, Zineb Benamara.**
- ID 128** *High Degradation Efficiency of Rhodamine B using ZnCo2O4/SiNWs as Photocatalyst under Visible Light Irradiation.*  
**NAAMA SABRINA, Soumia BENREDOUANE, Khaled DERKAOUI, Sihem BOUANIK, Afaf BRIK, Seif-Eddine FRIHA, Toufik HADJERSI**
- ID 140** *Characterization of Pd-TiO2 nanotubes and study of LSPR effect for photocatalytic degradation of organic pollutants.*  
**Mehdaoui Ayda, Hajjaji Anouar, Bernabé Mari Soucase**
- ID 21** *Interrelationships between Tourist Arrivals, Exchange Rate and Inflation in Tunisia : A VAR Approach.*  
**Sami Debbichi**
- ID 108** *Evaluer l'évolution des prix et des ventes en volume pré-post la mise en œuvre d'une taxation sur les boissons sucrées : Etude empirique.*  
**Ichrak Hannachi**
- ID 110** *Plan de communication réseaux sociaux comment élaborer efficacement.*  
**Allaoua Selma**
- ID 23** *Proposing a conceptual research model for Lean and Green Supply Chain to achieve sustainability performance.*  
**Mouhamed Mabrouk, Raoudha Kammoun**
- ID 112** *The role of business incubators in spreading and supporting creative thinking among owners of small and medium enterprises - presenting an experience case".*  
**Hamza Benzine, Mekhnane oukba**
- ID 36** *Title: Innovations in Micro-Business Financing: A New Ecosystem Approaches.*  
**MANAL MERABTI, LAOUDJ OUARDIA**
- ID 116** *Relationship between economic growth and the human development index in Algeria: econometric study between 1990 and 2022.*  
**GRIBI DJAMILA**
- ID 33** *La modélisation structurelle de la contribution des facteurs du commerce électronique à l'amélioration de la performance financière et non financière de l'entreprise.*  
**Daouia Benazzouz**

**May 04 \ 16h20-17h50 \ Room 2**

**Environmental Engineering**

- ID 51** *Optimal conditions for protecting the germanium detector used in the PGNAAs analysis method.*  
**Khelifa Boukeffoussa, Amel Bib, Hakim Ammi, Rachid Toukal**
- ID 55** *Modifying perovskite film with graphene oxide additive to improve the efficiency of hybrid perovskite solar cells.*  
**Souhir Azzaz, Johann Bouclé, Abdelaziz Bouazizi**
- ID 89** *Recovery of residual heat through advanced combined thermodynamic cycles as a clean technology for electricity production.*  
**Brahimi Faiza, Guemmadi Messaouda, Boukaraoun Racha, Mohandy Samy, Mazari Moussa**
- ID 76** *Simulation of induction melting applied to silicon purification.*  
**Djamel Ouadjaout**
- ID 58** *Effet de la substitution du fer sur les propriétés structurale, morphologique et électrochimique de l'électrode négative La<sub>1.5</sub>Mg<sub>0.5</sub>Ni<sub>7-x</sub>Fex (x=0.1, 0.2 et 0.3) de la batterie Ni-MH.*  
**Imen Karoud, Bilel Hosni, Chokri Khaldi, Omar ElKedim, Nouredine Fenineche, Jilani Lamloumi**
- ID 62** *Evaluation thermique du matériaux a changement de phase pour le stockage des cereales dans les silos.*  
**HAYDER Arij Nasfia, Amal Kraeim, Mohammed Khalij , Abdelhamid Kheiri, Jalila Khemiri Sghaier**
- ID 61** *Caractérisation électrochimique du composé ferrite spinelle CuFe<sub>2</sub>O<sub>4</sub> utilisé comme anode dans les batteries Ni-MH.*  
**Gharbi Houyem, Khaldi Ckokri, Lamloumi Jilani**
- ID 90** *TiO<sub>2</sub>-SnO<sub>2</sub>:F coupled oxide thin films for photocatalytic applications: Enhancement of degradation of organic pollutants.*  
**Wafa NAFFOUTI, Najoua Turki-Kamoun**

**May 04 \ 16h20-17h50 \ Room 3**

**Environmental Engineering**

- ID 29** *Comparative Analysis of Kinematic Measurements of Innovative Chaotic Micromixers to Improve Mixing Performances*  
**Toufik Tayeb Naas, Lakhdar Ayache, Ismail Ghibeche, Abdelkader Mahammedi**
- ID 4** *Optimisation du système émulsifiant dans la synthèse de sphérules de PMMA dans l'élaboration de résines méthacryliques à application dentaire.*  
**Amirouche-Korichi Amel , Cherchali Fatma Zohra**
- ID 80** *Conception d'un système aquaponique avec une optimisation énergétique intégrée.*  
**Dorra Cherif, Salwa Bouadila , Selmen chehaibi, AmenAllah Guizani**

*Electrodeposition mechanism of Cu<sub>2</sub>CoSnS<sub>4</sub> thin films onto FTO-coated glass: Effect of some additives.*

**ID 63** **Omar Ait Layachi**, Asmaa Moujib, Outman El Khouja, Aurelian Catalin Galca, Abderrazzak Boudouma, Sara Azmi, Meryem Nini, Mohamed Nohair, El mati Khoumri  
*Control of a BLDC Motor of an Electric Vehicle Powered by a photovoltaic energy system.*

**ID 12** **MERABET HICHEM**, Tahar Bahi , Djalel Drici ,Khouloud Bedoud , Brahim Oudjani  
*Visualisation des régimes d'écoulement en ébullition convective dans les minicanaux.*

**ID 43** **BOUDOUEH Mounir**, SAIDANI Noureddine, AGGOUNE Mohamed Salah  
*Etude et élaboration électrochimique des films minces de chalcogènes pour des applications photovoltaïques.*

**ID 7** **FARIAT Yousra**, Khoumri elmati, imane battiwa

**ID 93** **OUCHIKH Sarah**, M. S. Lounici , K. Loubar  
*Application of response surface methodology for optimization of performance and emission parameters of a CH<sub>4</sub>/diesel dual-fuel engine.*

Night Meeting & Outside Dinner (18h50)



## May 05 \ 08h30-10h30 \ Room 1

## Environmental Engineering

- ID 60** *Valorization of phosphogypsum as a setting retarder in the manufacture of white cement.*  
*Nawel TLILI, Ameni Boulaabi, Brahim Bouzayen, Elimame Elaloui*
- ID 40** *Recycling of industrial cellulose waste in the production of fired bricks and protection of the environment.*  
*Yacine SEBBAH, Mansour BOUZEROURA, Brahim BANOUNE*
- ID 42** *Rôle de la topographie dans la modélisation hydraulique 2D pour l'estimation des caractéristiques de l'inondation.*  
*Sid Ali Djafri, Hafnaoui Mohammed Amin, Benabid Seyfeddine, Cherhabil Sonia*
- ID 41** *Dynamics of Energy Dissipation Flow in Non-Rectangular Stilling Basins with rough bed: Experimental Approach to Sustainable Environment.*  
*Seyfeddine Benabid, Sonia Cherhabil, Sid Ali Djafri, Taqiyeddine Assas*
- ID 88** *Numerical Simulation of a flow around two side by side square obstacles at varying of Reynolds number and gap ratios*  
*GUEMMADI Messaouda, BRAHIMI Faïza*
- ID 64** *Exploring the effect of Sr<sup>2+</sup> into CaBi<sub>2</sub>Nb<sub>2</sub>O<sub>9</sub> ferroelectric ceramics on structural and dielectric properties.*  
*Ouissem Jalled, Amine Naïfer, Amal Homri and Mariah Alhassan*
- ID 71** *Elimination of organic pollutant in aqueous solution by the modified Fenton process.*  
*OMRI abdeslem, Sourour SALHI, Mourad BENZINA*
- ID 112** *Behaviour study of NiCuOx nanoparticles on TiO<sub>2</sub> nanotubes: Photocatalytic degradation of Bisphenol A.*  
*Syrine Sassi, Anouar Hajjaji, Bernabé Mari Soucase*

## May 05 \ 08h30-10h30 \ Room 2

## Finance

- ID 28** *Designing and Implementing a Predictive System for Alzheimer's Disease Using Logistic Regression Algorithms.*  
*Abdallah osahsh, Abdelaziz Al-Muqtouf, Mounira Habib ,Sanaa Al-Issaoui*
- ID 111** *La contribution du Customer Relationship management au développement du cycle de vie du client: cas des banques Marocaines.*  
*Samira KAMAL, Othmane BENSABRI*
- ID 42** *What motivate social mavens as micro-influencers to create brand related content in instagram? an instanography approach.*  
*Wifek AbdElkafi, Nibrass El Aoud*

**ID 34** *Relationship between economic growth and the human development index in Algeria: econometric study between 1990 and 2022.*

**GRIBI DJAMILA**

**ID 41** *La Puissance de la Vision Systémique : Gestion et Organisation dans un Monde Interconnecté.*

**SIFER Sara, SIFER Khaled**



Coffee Break (10h30-10h50)

**May 05 \ 10h50-12h50 \ Room 1**

**Chemical Engineering**

**ID 73** *Heat transfer enhancement inside open cavities.*

**Raoudha Chaabane, Patrick Perré**

*Highly homogenous thin film of all inorganic perovskite via all solution based and thermal imprint fabrication.*

**ID 46** **MILED Asma, Trongtam Nguyen, Céline Chevalier, Gaëlleallard, Emmanuel Drouard, Emmanuelle Deleporte, Christian Seassal, Abdelazizbouazizi, Haison Nguyen**

*Caractérisation électrochimique du composé ferrite spinelle  $CuFe_2O_4$  utilisé comme anode dans les batteries Ni-MH "*

**ID 61** **Gharbi Houyem, Khaldi Chokri Lamloumi Jilani**

*Étude électrochimique de l'anticorrosion des métaux et alliages par préparation de surface hydrophobe et par l'utilisation des inhibiteurs verts*

**ID 8** **Battiwa Imane, ElMati Khoumri, Fariat Yousra**

*Agricultural Greenhouses: climate optimization, simulation by TRNSYS for*

**ID 26** *Predicting Crop Yield and Energy Consumption.*

**Douja SELLAMI, Sami KOOLI**

**ID 5** *Impact of substitution in Tetrahedral and Octahedral Sites on the structural*

*Magnetic and electrochemical properties of Copper ferrite nanoparticles.*

**Chedia Moualhi, Mouldi Zouaoui**

**ID77** *Les outils biotechnologiques pour la gestion de l'environnement Aspects et applications.*

**Fadila KHALDI**

**ID 25** *Effect on vertical vibration and nanoparticles addition in the entropy génération in Raleigh Bénard configuration.*

**Maaref Khouloud, Magherbi Mourad**

## May 05 \ 10h50-12h50 \ Room 2

### Finance

- ID 25** *Entrepreneuriat féminin, une passerelle vers l'inclusion financière des femmes.*  
**Hocine SAM, Aziz OUSSAID & Lila BILEK**
- ID111** *Factors Affecting Cost of Construction Projects Related to projects characteristics.*  
**Mohamed Khaled Ali Grada, Zedan Ali Hatush**
- ID 14** *La micro-finance, véritable vecteur de développement des PME algériennes..*  
**OUSSAID Aziz, BILEK Lila; SAM Hocine**
- ID 24** *Factors Affecting Cost of Construction Projects Related to projects characteristics.*  
**Mohamed Khaled Ali Grada, Zedan Ali Hatush**
- ID107** *The Impact of Accounting Information Systems (AIS) and Internal Control on Financial Reporting Quality.*  
**Khoufi Nouha**
- ID 35** *Écosystème de l'entrepreneuriat universitaire en Algérie.*  
**Baroudi Mohammed, Boubaya Amira**
- ID118** *The impact of celebrity endorsement on the political brand personality.*  
**Rania Essouei, Azza Temessek**



Lunch 12h50 - 14h00

## May 05 \ 14h00-16h00 \ Room 1

### Renewable Energy

- ID 44** *AI-Enhanced Bionic Leg.*  
**Mohamed Hedi Riahi, Bilel Charfi and Achref Soua**
- ID 87** *Electrochemical detection of catechol using ZnO@SiO<sub>2</sub>-n-propyl-NH<sub>2</sub> functionalized with benzoylthiourea.*  
**Afef Dhaffouli**
- ID 179** *Solid Waste management using IoT Technology.*  
**Najia Ibrahim Algrari**
- ID 98** *Synthesis of NiO nanoparticles by the Pechini sol-gel method: photocatalytic application to the degradation of methylene blue.*  
**BLIZAK MERIEM Djanette, YSBAA Saadia, BOUGHERARA Saliha**
- ID 85** *A comprehensive photovoltaic study on efficient solar cells based on tungsten and concerted companion dyes featuring N719.*  
**BABA AHMED Nassim**
- ID 101** *Melting of Phase Change Material Inside a Metal Foam.*  
**Farida Iachachene, Hanane Cheradi and Louiza Achab**
- ID 96** *Thermal Performance Assessment of an Atypical Trombe Wall Construction for A Mediterranean Area.*  
**Marwa ammar, Ameni mokni, nahed soussi**
- ID 84** *Control of a grid connected PMSG based-wind turbine.*  
**Belkacem HOUARA, Djamel SAKRI, Tahar BAHI**



**May 05 \ 14h00-16h00 \ Room 2**

**Finance**

- ID 3** *Impact of Organizational Learning on Firm Performance through Corporate Entrepreneurship: The Moderating Role of Environmental Turbulence and Perceived Government Support, during critical period in the hotel sector (Djerba Island).*  
**HASJ HASSINE ABIR, LAKHAL Lassad**
- ID 7** *Les opportunités et produits d'al akhdar bank: alternatives de financement pour les pme marocaines.*  
**MOUSSAIF LOUBNA**
- ID 8** *Mésofinance et tpe : entre le downscaling et l'upscaling.*  
**MOUSSAIF LOUBNA**
- ID 111** *Factors Affecting Cost of Construction Projects Related to projects characteristics.*  
**Mohamed Khaled Ali Grada, Zedan Ali Hatush**
- ID 109** *Incubateurs des startups acteurs de développement de l'entrepreneuriat innovant: en Algérie Cas de l'incubateur ABP espace Bejaia.*  
**Slimani Radia, Djemah Nouara**
- ID 26** *Amélioration de la qualité par l'Application de la démarche Lean Six Sigma-DMAIC.*  
**Sahbi Dkhili, Ameni Ben Dkhil**
- ID 32** *Proposition d'un baromètre d'évaluation de la performance de système d'information de gestion SIG.*  
**Abdellaoui Ibtissam**



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**STAY CONNECTED FOR THE UPCOMING EVENT  
08-10 July 2024**

**THANKS**

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# International Conference Program

May 03 – 06, 2024 – Hammamet, Tunisia

	Friday, May 03	Saturday, May 04	Sunday, May 05	Monday, May 06
8:00 – 9:30		Registration	Registration	Free
9:30 – 10:30		Opening + Debate 9h30	Oral Sessions	
10:30 – 10:50	Online Preliminary Session 10h30-12h50	Coffee break	Coffee break	
10:50 – 12:50		Oral Sessions	Oral Sessions	
12:50 – 14:00		Lunch	Lunch	
14:00 – 16:00		Oral Sessions	Oral Sessions	
16:00 – 16:20		Coffee break	Coffee break	
16:20 – 17:50		Poster Session + Oral Sessions	Oral Sessions  Closure 17h40-18h00	
18:50 – 20:40		Night Meeting & Outside Dinner		