



Third International Workshop on Environmental
Engineering (IWEE'25)

2025

07th - 08th OCTOBER 2025 SÉTIF - ALGERIA



SCHEDULE

3rd INTERNATIONAL WORKSHOP ENVIRONMENTAL ENGINEERING

07-08 OCTOBER 2025

SETIF - ALGERIA



اللجنة الوطنية لمكافحة الآفات الاجتماعية



ش.ذ.م.م أونيفار ديتا جون: المصنم: م.ص. الروية
المنطقة ب. القطعة 111. قسم 07. روية الجزائر
Tél.: 023 850 185/88 Fax: 023 850 191



Prof. LATRECHE Mohamed El Hadi

Rector of University - SETIF1, Ferhat ABBAS



Prof. HABELHAMES Farid

Dean of the FACULTY



Prof. CHEBLI Derraji

SCIENTIFIC COMMITTEE CHAIRMAN



Prof. BOUGUETTOUCHA Abdallah

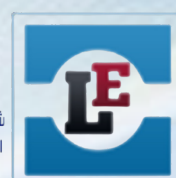
IWEE'25 Workshop chairman



اللجنة الوطنية لمكافحة الآفات الاجتماعية



ش.ذ.م.م أوليفار ديتارجون: المصنم: م.ص. الروبية
المنطقة ب. القطعة 111. قسم 07. روية الجزائر
Tél.: 023 850 185/88 Fax: 023 850 191



IWEE'25 SCHEDULE

FIRST DAY 07th OCTOBER 2025

08 : 30 - 10 : 00	OPENING CEREMONY
07 : 30 - 08 : 30	REGISTRATION
10 : 00 - 10 : 30	PLENARY CONFERENCE 01 : Prof. AHMED KATTEB
10 : 35 - 11 : 05	COFFEE BREAK + POSTER SESSION 01
11 : 05 - 11 : 35	PLENARY CONFERENCE 02: Prof. Sahar IBRAHIM HAMED MUSTAFA
11 : 40 - 12 : 00	KEYNOTE LECUTRE 01: Prof. AMRANE Abdeltif
12 : 05 - 12 : 25	KEYNOTE LECUTRE 02: Prof. MAALEJ Ramzi
12 : 35 - 14 : 00	LUNCH BREAK
14 : 30 - 15 : 05	PLENARY CONFERENCE 03: Prof. LEGRINI Omar (on-line)
15 : 10 - 15 : 30	KEYNOTE LECUTRE 03 : Dr. ARAB Karim
15 : 35 - 15 : 55	KEYNOTE LECUTRE 04: Prof. ZAZOUA Ali
16 : 00 - 16 : 20	KEYNOTE LECUTRE 05: Prof. WAQAS Muhammed (on-line)
16 : 25 - 16 : 45	COFFEE BREAK + POSTER SESSION 02

IWEE'25 SCHEDULE

SECOND DAY 08th OCTOBER 2025

07 : 30 - 08 : 30	REGISTRATION
08 : 30 - 09 : 00	PLENARY CONFERENCE 04: Prof. ZERROUAL Larbi
09 : 05 - 09 : 35	PLENARY CONFERENCE 05: Prof. MOKRANI Touhami (on-line)
09 : 40 - 10 : 00	KEYNOTE LECUTRE 05 : Prof. HAMMI Halim
10 : 05 - 10 : 45	COFFEE BREAK + POSTER SESSION 03
10 : 45 - 11 : 05	KEYNOTE LECUTRE 06 : Prof. ABOUELNAJA Zeinab
11 : 10 - 11 : 30	KEYNOTE LECUTRE 07: Prof. BELHADJI Kinza Amel
11 : 35 - 11 : 55	KEYNOTE LECUTRE 08: Prof. Pavel V. Avramov (on-line)
11 : 55 - 12 : 15	KEYNOTE LECUTRE 09: Prof. MANSOURI Houssam
12 : 20 - 14 : 00	LUNCH BREAK
14 : 30 - 15 : 05	PLENARY CONFERENCE 06: Prof. SULTAN Mohamed
15 : 10 - 15 : 40	PLENARY CONFERENCE 07: Prof. BOURAS Omar
15 : 45 - 16 : 05	KEYNOTE LECUTRE 10 : Prof. HABA Hamada
16 : 10 - 16 : 40	COFFEE BREAK + POSTER SESSION 04
16 : 45 - 18 : 00	CLOSING CEREMONY

CONFERENCE SESSION

FIRST DAY 07th OCTOBER 2025



PLENARY CONFERENCE 01

10 : 00 – 10 : 30

Title: La souveraineté hydrique en Algérie: enjeux, défis, stratégies, perspectives, face aux changements climatiques.

Prof. AHMED KETTEB

Ecole National Polytechnique (Algeria)



PLENARY CONFERENCE 02

11 : 05 – 11 : 35

Title: From wast to wealth: nano composites for biomedical and environmental applications.

Prof. Sahar IBRAHIM HAMED MUSTAFA

University of Mansoura, (Egypt)



PLENARY CONFERENCE 03 (On-line)

14 : 30 – 15 : 05

Title: UV and Ozone Technologies for water and gas treatment – Design, Manufacturing & Applications.

Prof. LEGRINI Omar

ESCO International Ltd (UK)



اللجنة الوطنية لمكافحة الآفات الاجتماعية



ش.ذ.م.م. أونيفار ديتارجون: المصنم: م.ص. الرويبة
المنطقة ب. القطعة 111. قسم 07. روية الجزائر
Tél.: 023 850 185/88 Fax: 023 850 191



CONFERENCE SESSION

SECOND DAY 08th OCTOBER 2025



PLENARY CONFERENCE 04

08 : 30 – 09 : 00

Title: Energy, Global warming and environment.

Prof. ZERROUAL Larbi
University of Sétif 1 (Algeria)



PLENARY CONFERENCE 05 (ON-LINE)

11 : 05 – 11 : 35

Title: From wast to wealth: nano composites for biomedical and environmental applications.

Prof. MOKRANI Touhami
University of South Africa.



PLENARY CONFERENCE 06

14 : 30 – 15 : 05

Title: Using Different Nanomaterials in the Design of Concrete:
The Change from the Lab to the Industrial Scale.

Prof. Mohammed SULTAN
University of Ain Chams (Egypt).



PLENARY CONFERENCE 07

15 : 10 – 15 : 40

Title : Argiles modifiées organophyles : synthèse et applications
environnementales.

Prof. BOURAS Omar
University of Blida 1, (Algeria).

KEYNOTE SESSION

FIRST DAY 07th OCTOBER 2025



KEYNOTE SPEAKER 01

11 : 40 – 12 : 30

Title: The coupling of an electrochemical process and a biological treatment for the removal of recalcitrant organic compounds – Case study: nitroimidazole antibiotics family, Metronidazole.

Prof. AMRANE Abdeltif
University of Rennes (France)



KEYNOTE SPEAKER 02

12 : 05 – 12 : 25

Title: Advances in Two-Dimensional Material Sensors: Dimensional Tuning for Enhanced Medical and Environmental Applications.

Prof. Ramzi MAALEJ
University of Sfax (Tunisia)



KEYNOTE SPEAKER 03

15 : 10 – 15 : 30

Title: Water Security, Pollution and Climate Change in Algeria: Issues, Challenges and Solutions.

Dr. ARAB Karim
University of USTHB (Algeria)



KEYNOTE SPEAKER 04

15 : 35 – 15 : 55

Title: Sensors and biosensors: New innovative analytical methods for the environment.

Prof. Ali ZAZOUA
University of Jijel (Algeria)



KEYNOTE SPEAKER 05 (ON-LINE)

16 : 00 – 16 : 20

Title: Seawater Splitting for Green Hydrogen.

Prof. Muhammed WAQAS
Edith Cowan University, (Australia)

KEYNOTE SESSION

SECOND DAY 08th OCTOBER 2025



KEYNOTE SPEAKER 05

09 : 40 – 10 : 00

Title: Low-carbon magnesium cements from natural sources.

Prof. Halim HAMMI

University of El-Manar (Tunisia)



KEYNOTE SPEAKER 06

10 : 45 – 11 : 05

Title: From CleanTech to Net-Zero: How Green Innovations Are Reshaping the 21st-Century Economy.

Prof. Zeinab ABOUENLAGA

University of Mansoura, (Egypt)



KEYNOTE SPEAKER 07

11 : 10 – 11 : 30

Title: Biosynthesis of nanoparticles: biological applications (antibacterial, antioxidant and anti-inflammatory activity).

Prof. Kinza Amel BELHADJI

University of Mostaganem, (Algeria)



KEYNOTE SPEAKER 08 (ON-LINE)

11 : 35 – 11 : 55

Title: Heavenly Crystal Rain: Exotic Carbon Nanomaterials from Superbolide Impacts in North-East Russia.

Prof. Pavel V. Avramov

University of RAS, Moscow.



KEYNOTE SPEAKER 09

11 : 55 – 12 : 15

Title: Artificial rainmaking in Algeria: technology, objectives, and challenges.

Prof. MANSOURI Houssam
University of Setif 1 (Algeria)



KEYNOTE SPEAKER 10

15 : 45 – 16 : 05

Title: Bridging Botany and Pharmacy: Research Advances in Medicinal Plants of the Genus *Atractylis* growing in Algeria and Sustainability.

Prof. HABA HAMADA
University of Batna, (Algeria)

ORAL SESSIONS

ORAL SESSIONS	SCHEDULE	
ORAL SESSION 01	07 th OCTOBER 2025	14 : 30 – 16 : 20
	O.14, O.10, O.5, O.6, O.3	
ORAL SESSION 02	08 th OCTOBER 2025	08 : 30 – 12 : 00
	O.11, O.7, O.4, O.8, O.2, O.9, O.12, O.13, O.1	



الجمعية الوطنية لمكافحة الآفات الاجتماعية



ش.ذ.م.م أوليفر ديتاريجون: المصنع: م.ص. الروبية
المنطقة ب. القطعة 111. قسم 07. روية الجزائر
Tél.: 023 850 185/88 Fax: 023 850 191



ORAL SESSION 01

FIRST DAY 07th OCTOBER 2025

SESSION CHAIR : Prof. M. BAITICHE

MEMBERS : Prof. F. BENGHANEM

Code	Author email	Title Co-authors	DURATION
O.14	Fathy Boulifa	تثمين النفايات الواحية والمنزلية لإنتاج مستسمد، مثال منطقة دقاش : آفاقه وحدوده	14: 30 – 14:45
O.10	Abdenour ELIAS elias.abdonour@gmail.com	Gasification based power generation of CHP system from olive pomace in kabylia region : technoeconomic assessment	14: 50 – 15:05
O.5	ASMA HAYOUNE hayoune.asma@gmail.com	Comparative Study of Organic Dye Removal Using KOH- and NaOH-Activated Metakaolin Geopolymers: Enhanced Performance with KOH Treatment	15: 10 – 15:25
O.6	Ibtissam AMEUR ameuribtissem06@gmail.com	Immobilization of Bioactive Compounds from Pituranthos scoparius in Eco-friendly Films: A Step Towards Plastic-Free Food Preservation	15: 30 – 14:45
O.3	Chaïma LAGRAA chaimalagraa20@gmail.com	Electrochemical Detection of Acetamiprid: Role of Electrolyte Nature Using a Synthesized SnO ₂ Electrode	16: 05 – 16:20



اللجنة الوطنية لمكافحة الآفات الاجتماعية



ش.ذ.م.م أونيفار ديتاجون: المصنم: م.ص. الروية
المنطقة ب. القطعة 111. قسم 07 روية الجزائر
Tél.: 023 850 185/88 Fax: 023 850 191



ORAL SESSION 02

SECOND DAY 08th OCTOBER 2025

SESSION CHAIR : Prof. M. BOUTAHALA

MEMBERS: Prof. T. DOUADI; Prof. A. ZAZOUA

Code	Author email	Titre Co-authors	DURATION
O.11	Noureddine Makhoulfi n.makhoulfi@univ-chlef.dz	Régionalisation des paramètres du modèle HEC-HMS pour la simulation des débits de l'eau dans le bassin semi-aride Oued Tikzal, bassin versant du Cheliff (Algérie) Yamina ELMEDDAHI	08: 30 – 08:45
O.7	Hakima Bozetine hakima.lhocine@ummto.dz	Photodegradation of methylene bleu by a ternary heterostructure ZnO/Carbon/Ag NPs Sabrina AZIRI; Yacina DJEBRA; Rezika BAKRI; Nabila BERKANE; Dihia Aberkane; Toufik HADJERSI	08: 50 – 09:05
O.4	Meriem Habib habibmeriem4@gmail.com	NiCo based Hydroxide for Pesticide Detection via Electrochemical Method /	09: 10 – 09:25
O.8	Malha OUDIR oudir@essaia.dz	Valorization of Cactus Cladodes Powder for Biopolymer Development: A Sustainable Approach for Eco-Friendly Materials Zohra AIT MESBAH; Nadia ISSAD	09: 30 – 09:50
O.2	Rabiaa HELIM rabiaa.helim@univ-jijel.dz	Biopolymer-Based Electrochemical Sensors: Hemicellulose-Agarose Film Design for Heavy Metal detection Ali ZAZOUA	09: 50 – 10:05
COFFEE BREAK			
O.9	Hayat BELHORMA hayatbelhorma@gmail.com	CFD modelling of urban microclimates: A Lever for Sustainable Urban Planning /	10: 50 – 11:05
O.12	MOUASSA Souad	Évaluation de la pollution et des risques sanitaires liés aux métaux lourds dans les eaux du barrage de Sidi M'Hamed Ben Aouda	11: 10 – 11:25
O.13	Imen DHAOUADA	La gouvernance innovante de l'eau : La politique du Centre de Recherches et des Technologies des Eaux	11: 30 – 11:45
O.1	BOUSMID Ahlem a.bousmid@centre-univ-mila.dz	Artificial Rain: A Technological Response to the Growing Challenges of Climate Change /	11: 50 – 12:00

POSTER SESSIONS

POSTER SESSION 01

07th OCTOBER 2025

10 : 35 – 11 : 05

From P01 → P70

POSTER SESSION 02

07th OCTOBER 2025

16 : 00 – 16 : 20

From P71 → P140

POSTER SESSION 03

08th OCTOBER 2025

10 : 05 – 10 : 45

From P141 → P210

POSTER SESSION 04

08th OCTOBER 2025

16 : 10 – 10 : 40

From P210 → P260



ش.ذ.م.م أونيفار ديتاجون: المصنم: م.ص. الروية
المنطقة ب. القطعة 111. قسم 07 روية الجزائر
Tél.: 023 850 185/88 Fax: 023 850 191



POSTER SESSION 0107th OCTOBER 2025

10 : 35 – 11 : 05

From P01 → P70

SESSION CHAIR	Prof. Mohamed BENAICHA	
MEMBERS	Prof. Fatiha BENGHANEM	Dr. Djalila BOUDEMAGH
	Prof. Djahida HAFFAR	Dr. Lotfi BAAMEUR
	Prof. Malika FOUDIA	Dr. Noredine BOUMAAZA
	Prof. Naima MAOUCHE	Prof. BELHADJI Kinza Amel
	Dr. Hicham KOUADRI	Prof. MAALEJ Ramzi
	Prof. Milad BAITICHE	Prof. Saifi ISSADI
	Dr. Fakhri CHEBIRA	Prof. Farid ROUABAH

Code	Author email	Titre Co-authors
P01	Samiha Laidoudi samiha.laidoudi@yahoo.com	Synthesis and Characterization of CuO Thin Films for Efficient Photodegradation of Methyl Orange Imene Abid; Samah BOUDOUR; Mohamed Redha Khelladi
P02	Yasmine NASRI yasmine.nasri98@yahoo.com	Valorisation du phosphate local dans le développement de substituts osseux /
P03	AISSA BOUDJEMAA boudjemaaisa@yahoo.com	VALORIZATION OF CO2 INTO METHANOL FUNDAMENTAL STUDIES /
P04	Oussama BELLAHSENE bellahseneoussama1996@gmail.com	Enhanced BiVO ₄ Photoanodes for Environmental Remediation via Photoelectrochemical Processes /
P05	Bahia BAAZIZ bahia.baaziz@univ-setif.dz	Advanced oxidation process in waste treatment: Application of Fenton process of the biodegradability of expired antibiotic /

P06	MOHAMMED ADDALA <i>mohammedaddala17@gmail.com</i>	Degradation in dark Maamoune Guessoum
P07	BENDJAMA Hafida <i>h.bendjama@univ-soukahras.dz</i>	Degradation of a textile dye by photoactivated persulfate: Influence of environmental matrices /
P08	Mohamed Larbi DJABALLAH <i>mohameddjaballa@yahoo.fr</i>	Development of a free radical-based kinetics model for the oxidative degradation of RG12 in aqueous solution using UV/periodate process /
P09	Keffous Fatah <i>fkeffous@gmail.com</i>	Electro-formation of a green oxidant of ferrate Fe (VI) for in-situ treating pollutant in water Abdellah belkhir; hakim belkh; hamza abid; aissa boujamaa
P10	Meriem AKKAR <i>meriem.akkar@gmail.com</i>	Electron-Acceptor-Enhanced UV/TiO ₂ Photocatalytic Removal of the Antibiotic Pollutant Amoxicillin from Aqueous Solution /
P11	EL KHAMSA SOLTANI <i>soltanielkhamssa@gmail.com</i>	Elimination d'un colorant azoïque par le procédé électro fenton /
P12	Manel dridi <i>ma.dridi@univ-soukahras.dz</i>	ENERGY PRODUCTION FROM WASTEWATER—GALVANO- FENTON PROCESS Atef Daas; Amira Gharbi; Youcef Hamlaoui
P13	Hicham Atout <i>atouthicham22@gmail.com</i>	Enhanced photocatalytic degradation of methylene blue using Z- scheme heterojunction catalysts Nadjib CHAFAI; Nihed DAAS; Chafia Tiar
P14	Rayane Mehennaoui <i>rayane.mehennaoui@doc.umc.edu.dz</i>	Étude de l'Efficacité de l'Oxydation Anodique Directe pour la Dégradation du colorant cationique /
P15	Nihed DAAS <i>daasnihed@yahoo.fr</i>	Etude de photodégradation d'un colorant cationique sur des nanocomposites de type CoFe ₂ O ₄ /ZnO /
P16	Hassiba Bessaha <i>h.bessaha@esa-mosta.dz</i>	Highly photocatalytic efficiency of calcined anionic clay ZnBi/TiO ₂ on the degradation of rhodamine B under UV and sunlight. /
P17	CHADI Nor Elhouda <i>norchadi15@gmail.com</i>	Impact of Organic Competitors on the Efficiency of the H ₂ O ₂ /IO ₃ ⁻ Process /

P18	SLIMANE KHELOUFI slimane.kheloufi@univ-setif.dz	Influence of Electrode Material on the Efficiency of Combined EF/EC Processes in Wastewater Dye Treatment HERBADJI Abdelmadjid
P19	Mohamed Marref marrefdz@yahoo.fr	Maghnite-H ⁺ catalytic synthesis and characterization of Polyindenes and oxidized derivatives Raul Berenguer; Emilia Morallon; Rachid Meghabar
P20	Mohamed el mehdi Benacherine med_mehdi20@live.com	Mechanistic Study of the Photodegradation of Pharmaceutical Pollutant (Amoxicillin) in Aqueous Solution /
P21	Abderrahmane TALBI	Mineralization Study of Various Advanced Oxidation Processes for Textile Dye Removal in a Tubular Microreactor /
P22	Noureddine KHELLAF n.khellaf@univ-eltarf.dz	Photocatalytic Activity of TiO ₂ /rGO Nanohybrids in Crystal Violet Degradation Noureddine KHELLAF
P23	Mohamed Mehdi KACI mkaci@usthb.dz	SiNWs decorated with MnO ₂ and Ni(OH) ₂ : a novel Photocatalyst for efficient detoxification Rhb dye upon visible light /
P24	AIT OUAISSA Yassmine pgyassmine@yahoo.com	Solar Advanced Oxidation Processes for Refinery Effluents: Hydrodynamic Characterization, Comparative Performance, and Techno-Economic Evaluation /
P25	Boudjadi Amina boudjadiamina857@gmail.com	Synthesis and characterization of Calcium hydroxide Ca(OH) ₂ by sol gel process for the photocatalytic application: degradation of organic pollutants. /
P26	Louati aya ayalouati63@gmail.com	Synthesis, Characterization, and Application of Calcined MgSi Materials for Orange II Dye Removal in Water Treatment /
P27	Asma Saadi saadiasma91@gmail.com	Techniques de traitement des pesticides dans l'eau potable : revue des approches actuelles et émergentes /
P28	Sarra Bensouiki sarra.bensouiki88@gmail.com	UV/Chlorine process for metronidazole degradation in aqueous solution Ayat Erahmane Mekkaoui; Boudjenaoui; sarra bensouiki
P29	BOUSMID Ahlem a.bousmid@centre-univ-mila.dz	Artificial Rain: A Technological Response to the Growing Challenges of Climate Change /

P30	MOHAMMED NEKKI <i>y.elmeddahi@univ-chlef.dz</i>	Changement climatique et l'impacts des événements hydrologiques extrêmes dans le bassin de l'Oued Cheliff Harreza, Algérie /
P31	AMINA KHEZAZNA <i>khezazna-amina@univ-eloued.dz</i>	Changement climatique et pluie artificielle /
P32	Ibtissem Lebachiche <i>ibtissem.lebachiche@univ-bba.dz</i>	Climat Semi-Aride: Dynamique Saisonnière Des Températures Et Des Précipitations Nacira Chourghal; Fazia Chabane; Khelifa Maamri; Nadja Chalabi; Faycal Bahlouli
P33	Fazia Chabane <i>fazia.chabane@univ-bba.dz</i>	Climatic Dynamics of Sétif and Constantine: Evolution of Temperature and Precipitation (1980–2023) Fazia Chabane
P34	Sabrina BENDIA <i>sabrina.bendia@umc.edu.dz</i>	Redox-Active Nickel Schiff Base (NiL) Complex for Catalytic Oxidation: Synthesis and Structural Analysis Sabrina BENDIA
P35	Abbas Khadraoui <i>younceyahia02@gmail.com</i>	The Impact of climate change on Inorganic Aerosols in Ouargla /
P36	BELARBI Halima <i>h.belarbi@cu-maghnia.dz</i>	Flood Vulnerability Assessment of Ain-Temouchent City (Algeria): A Combined Approach Using GIS and Analytic Hierarchy Process (AHP) GUEMOU Bouabdellah, DEHNI Abdellatif, DIAF Amine
P37	SARRA FAFA <i>sarra.fafa@univ-jijel.dz</i>	A Screen-Printed Platinum Electrode Modified with Ion Imprinted Polymer for the Detection of Cd(II) in Real Water Samples /
P38	Djihad Telhas <i>djihad.telhas@univ-biskra.dz</i>	Adsorption of dyes: kinetic study /
P39	Riadh zouaoui <i>zriadh136@gmail.com</i>	Application of electrochemistry to the detection of toxic metals : environmental protection /
P40	Moufida Merzougui <i>moufida.merzougui@univ-bba.dz</i>	Assessing the Bromoperoxidase potential of a new copper complex Sabrina Bendia; Souad Dekar; Maya Hayet Sabri; Kamel Ouari
P41	Rabiaa HELIM <i>rabiaa.helim@univ-jijel.dz</i>	Biopolymer-Based Electrochemical Sensors: Hemicellulose-Agarose Film Design for Heavy Metal detection Ali ZAZOUA

P42	RAZIKA BANRAMDANE <i>benr_1raz@yahoo.fr</i>	Caractérisation par spectroscopie d'impédance électrochimique de l'acier XC70 destinés à l'industrie, en présence d'inhibiteur de corrosion en milieu acide AMEL AMEL DJEDOUANI; FATIHA BENGHANEM; LINDA LINDA TOUKAL
P43	Mouzali Saida <i>saida.mouzali@univ-setif.dz</i>	Corrosion inhibition properties of a schiff base derivative against mild steel in H2SO4 environment complemented with DFT investigations Mouzali saida
P44	DORMANE Imene <i>imene.dormane@univ-setif.dz</i>	Development and study of composite electrode materials based on conductive polymer: application to phenol degradation /
P45	Fateh Mayouf <i>mayouffateh1@gmail.com; nmaouche@univ-setif.dz</i>	DEVELOPMENT OF POLYPYRROLE-CUO COMPOSITE ELECTRODES VIA CHRONOAMPEROMETRY FOR IMPROVED ELECTROCHEMICAL PERFORMANCE /
P46	Oussama LALAOUI <i>simodrakkar@gmail.com</i>	Development of Pure and Modified ZnO Nanostructure-Based Photoelectrodes for Photocatalytic Applications /
P47	FOUDIA Malika <i>foudiam@yahoo.fr</i>	Effect of Surfactant Addition on the Electrochemical Properties of Manganese Dioxide (Application to the degradation of pollutants) /
P48	Ouafia Belgherbi <i>belgherbiwafia@gmail.com</i>	Effect of temperature on corrosion inhibition of carbon steel by Polyamide11/Polyaniline-Fe2O3 /
P49	Seid Lamria <i>lamriachimie@yahoo.fr</i>	Effect of temperature on corrosion inhibition of copper - nickel alloy by composite of Polyamide11 (P11) /Polypyrrole /
P50	Farid TENNAH <i>farid.tennah@univ-bba.dz</i>	Elaboration et caractérisation d'électrodes modifiées à base de polyaniline et de nickel pour la production d'hydrogène /
P51	Chaima LAGRAA <i>chaimalagraa20@gmail.com</i>	Electrochemical Detection of Acetamidiprid: Role of Electrolyte Nature Using a Synthesized SnO ₂ Electrode /
P52	Sofiane BENIDIR <i>s.benidir@univ-eltarf.dz</i>	Electrodeposited Ni/Au Bimetallic Catalysts for Ethanol Electrooxidation: Toward Cleaner Energy through Green Electrochemistry. Imene CHIKOUCHE; Charif DEHCHAR; Ahmed ZOUAOUI
P53	Ilhem KAABI <i>kaabi_ilh@yahoo.fr</i>	Environmentally Friendly Corrosion Inhibitors: Advances and Challenges /

P54	Mouzali Saida <i>saida.mouzali@univ-setif.dz</i>	ETUDE DE L'EFFICACITE INHIBITRICE D'UN LIGAND BASE DE SCHIFF VIS-A-VIS DE L'ACIER AU CARBONE EN MILIEU ACIDE CHLORHYDRIQUE 1M Mouzali saida
P55	Bouzidi Leila <i>Leila.8207@yahoo.fr</i>	Étude électrochimique d'un inhibiteur vert sur l'acier X48 dans une solution de chlorure d'hydrogène 1M /
P56	Charif Guiassa <i>ch.guiassa@univ-skikda.dz</i>	Évaluation électrochimique de l'activité antioxydante des extraits naturels : méthodes et applications /
P57	Foued MIHOUB <i>f.mihoub@univ-bouira.dz</i>	Evaluation électrochimique des extraits de Rosmarinus officinalis en tant qu'inhibiteurs verts pour l'acier XC48 dans un milieu acide /
P58	Imene BENMAHAMMED <i>benmahammed.imene19@gmail.com</i>	From Molecule to Mechanism: A Quantum-Electrochemical Approach to Steel Protection Using "I-F" Azomethine Compound /
P59	Ilhem NOUAR <i>nouarilhem86@gmail.com</i>	From Natural Materials to Advanced Ceramics: Synthesis of MgAl ₂ O ₄ spinel /
P60	Khelfi Silia <i>celiakhalfi19@gmail.com</i>	From Waste to Product: Magnesium Aluminate from Leached Aluminum Dross and Dolomite /
P61	Faiza Bouhebila <i>faizabouhebila2020@gmail.com</i>	Hybrid enzymatic composite for electrochemical sensor: Application to the detection of catechol in aqueous media Sarra Fafa; Rabiaa Helim
P62	Safa Salmi <i>safa.salmi@univ-annaba.dz</i>	Influence of Cerium-Based Inhibitors on the Corrosion Resistance of A1008 Carbon Steel in 3.5 Wt. % NaCl Solution. /
P63	khadidja boukerche <i>khadidja.boub@yahoo.fr</i>	Inhibition effects and Theoretical Study of Corrosion Inhibition of Steel XC48 in HCl Media with Two Schiff Bases /
P64	CHAHMANA SAFIA <i>chahmanasafia@gmail.com</i>	Integrated exploration of molecular structure, quantum chemical properties of 4-(2-hydroxyanilino)pent-3-en-2-one /
P65	Asma Youbi <i>asma.youbi@univ-annaba.dz</i>	L'étude de l'extrait des fleurs de Bourrache Officinal comme inhibiteur de la corrosion d'un acier ordinaire /

P66

Imène Rahmani

rahmanimene19@yahoo.com

La potentiométrie comme méthode analytique de référence pour le dosage des fluorures dans les dentifrices : enjeux techniques et sécurité sanitaire

/

P67

Hadjer Didouh

h.didouh@univ-chlef.dz

Mechanisms of Biofilm Adhesion on Surfaces in Crude Oil Environments

/

P68

khaoula DOUADI

douadi.khaoula@yahoo.fr

Multi-technique Approaches for the Study of Protective Layers on Steel: Towards Improved Environmental Durability

/

P69

Maroua ZERMANE

maroua.zn@gmail.com

mxene (ti3c2tx)-fe2o3 hybrid nanomaterials for electrochemical ultra-sensitive testosterone detection

/

P70

Meriem Habib

habibmeriem4@gmail.com

NiCo based Hydroxide for Pesticide Detection via Electrochemical Method

/

SESSION CHAIR Prof. AMRANE Abdeltif

MEMBERS

Dr. Hadjira GUERBAA	Dr. Ahmed TABCHOUCHE
Prof. Djahida HAFFAR	Dr. Lotfi BAAMEUR
Dr. Zoubir MANAA	Dr. Noredine BOUMAAZA
Dr. Hicham KOUADRI	Prof. BELHADJI Kinza Amel
Dr. Brahim BARKA	Prof. ZAZOUA Ali
Dr. Zahir GUEZAOUT	Prof. Fatiha BENGHANEM
Prof. Mokhtar BOUTAHALA	Prof. Farid RIAHI
Prof. CHAFAI Nadjib	Prof. Farid NAMOUNE

Code	Author email	Titre Co-authors
P71	RIKOUH Rahma Amina ramarikouh19@gmail.com	Protecting XC48 steel against corrosion with a new schiff base compound in 1M HCl medium. /
P72	Rabah ASSELI mohamedrabah7070@gmail.com	Structures and electrochemical properties of Ni-W coatings electrodeposited on the copper substrate as hydrogen evolution reaction cathodes /
P73	RAZIKA BANRAMDANE benr_1raz@yahoo.fr	Study of the inhibition of corrosion of XC48 in a 1M HCl solution by a new quaternary ammonium surfactant FATIHA BENGHANEM; KARIMA AMEL MECHKEN

P74	Ouahiba Bouriche <i>anesk2011@yahoo.fr</i>	Synthesis of novel copolymer (nano)composite based on N vinylcarbazole and black eriochrome using electro polymerization method (electrocatalysis application) /
P75	Imene Bougossa <i>imenbougossa@yahoo.fr</i>	Synthesis, characterization and Electrochemical study of dibromide Nickel Schiff base Complex and their Environmental Applications /
P76	Celia IDRES <i>celia.idres@crtaa.dz</i>	Accelerated Photo-Oxidation of Poly(3-Hydroxybutyrate-Co-3-Hydroxyhexanoate) Based-Biocomposites /
P77	SALAH BAHAH <i>salah.bahah@univ-bba.dz</i>	Adsorption de cadmium par une argile sodique interstratifié préparé. /
P78	Rofeyda MAAMERI <i>rofeydamaameri8@gmail.com ; rofeyda.maameri@univ-setif.dz</i>	AIR POLLUTION AND ENVIRONEMENT RISKS NEAR THE PHOSPHATE MINE OF DJBEL ONK (TEBESSA, ALGERI) Farid ZAHR, Sabrina SOUADNIA
P79	AMIROUCHE Mawhoub <i>mawhoub.amirouche@gmail.com</i>	ANALYSE DES TENDANCES PLUVIOMETRIQUES EN ALGERIE : CAS DES REGIONS CEREALIERES SEMI-ARIDES SMADHI Dalila
P80	Ouafa BOUNEKTA <i>wabounekta2@gmail.com</i>	Analyse thermique de la plastification du polyacide lactique par le polyéthylène glycol. /
P81	khaled ben elwlaid mahdadi <i>khaledwalid2016@gmail.com</i>	ANTIOXIDANT ETHYL PETROLEUM EXTRACT OF THE SPECIES CONVULVULUS CANTABRICA L (CONVOLVULACEAE). Zina Allaoua; Fatima BELAHSSINI; Hamada Haba; khaled ben elwlaid mahdadi
P82	Drid Ilhem <i>ilhemdrid@gmail.com</i>	Application of Environmental Engineering Tools to Assess Soil Erosion Susceptibility in Bordj Bou Arreridj Region, Algeria Using Logistic Regression and GIS /
P83	Amal Guerdouh <i>amelguerdouh@yahoo.fr</i>	Behaviour study of bidentate O-methoxy Schiff base extractant in the recovery of copper ions from aqueous solution Ahmed Tabchouche; Mebarka Timedjegdine
P84	Mohammed Zighed <i>zighedmoh23@gmail.com</i>	Biodegradability assessment of HDPE-based biocomposites: Influence of starch and fiber composition Mohammed Zighed
P85	BOUGHABA HADJER <i>hadjer.boughaba@univ-biskra.dz</i>	Bioenergy production from lipids extracted from the microalgae Spirulina arthrospira platensis and the macroalgae Azolla pinnata /

P86	Asma Nouichi <i>as.soma@hotmail.fr</i>	Biological Control of Bayoud: Efficacy of Eucalyptus globulus Essential Oil on the Growth of Fusarium oxysporum f. sp. albedinis /
P87	Horiya BOUKHATEM <i>boukhatem_houria@yahoo.fr</i>	Cationic and anionic dyes adsorption on alginate/montmorillonite beads: kinetic and isotherm studies /
P88	Mounira Kolli <i>kollimounira@gmail.com</i>	Comparative Adsorptive Removal of Anionic Dyes on Granular Activated Carbon: Isotherm and Kinetic Modeling Fatiha Benmahdi
P89	ASMA HAYOUNE <i>hayoune.asma@gmail.com</i>	Comparative Study of Organic Dye Removal Using KOH- and NaOH-Activated Metakaolin Geopolymers: Enhanced Performance with KOH Treatment /
P90	Elhoucine Belmehdi <i>houcinemehdi9@gmail.com</i>	Comparative study of Seasonal changes in Physical and Chemical Characterization of leachates from diffrente waste management landfill site in Algeria Elhoucine Belmehdi
P91	Imène Rahmani <i>rahmanimene19@yahoo.com</i>	Composés phénoliques et activités antioxydantes de l'Hibiscus sabdariffa L. (Malvaceae) /
P92	LOUIZA Sadoun <i>sadounlouiza5@gmail.com</i>	Conception of a innovative biocoagulant for the removal of sunset yellow dye by Box-Behnken design optimization and response surface methodology /
P93	BENMIA K <i>a_bouananidz@yahoo.fr</i>	CONTRIBUTION OF THE SYSTEMS ENGINEERING APPROACH FOR THE ANALYSIS OF THE SMALL DAMS EFFICIENCY IN AGRICULTURE /
P94	Abdellatif Rahmani <i>dr.rahmani.univ.ouargla@gmail.com</i>	Croissance durable des microalgues Chlorella sorokiniana dans les eaux usées industrielles provenant d'une laiterie en vue de la production de biodiesel /
P95	Amina Benarab <i>lamiamina19@gmail.com</i>	Crystalline Details of a Polypropylene Random Copolymer and Date Stone Flour /
P96	Chafia TIAR <i>chafiatiar@yahoo.fr</i>	Dépollution des eaux par des composites magnétiques HDL/Fe/rGO Nedjouda ZABAR; Nihed DAAS; hicham atout
P97	LAOUAR Oula <i>laouaroula@gmail.com</i>	Design of Microbial Fuel Cells for Wastewater Treatment /

P98	Linda GOUISSEM linda.gouissem@univ-setif.dz	Development of Lightweight HDPE Composites Reinforced with Treated Perlite for Improved Performance /
P99	Khaoula MESSAOUDI khaoula.poly@gmail.com	Développement durable et composite à farine de noyau d'olive (FNO) : Effet du taux et du traitement alcalin /
P100	Dhilal ALOUANI dhilal.alouani@univ-annaba.dz	DFT Study of Physical Properties of Lead Free Perovskite for Photovoltaic Applications /
P101	AMAMRA Samra samra.amamra@univ-bba.dz	Diclofenac Drug-Hydrotalcite: In Vitro Release Experiments /
P102	Sousna SAHNOUN ssnsahnoun@yahoo.fr	Doxycycline Hyclate Adsorption on Pyrolyzed Biomass: Isotherm Analysis Amina AICHOUR; Djoumana ADIMI; Nour el houda BADIS
P103	Aga sara saraaga16@yahoo.fr	Dye removal by forest biowaste: kinetic and equilibrium studies /
P104	Rachida DOUFNOUNE doufnoune@yahoo.fr	Eco-friendly Nanohybrids Based on Modified Clay and Functionalized Graphene Oxide for the Removal of Pb ²⁺ Ions from Aqueous Solutions Rachida DOUFNOUNE
P105	BENNESSER Selma selma.bennesser@univ-setif.dz	Eco-friendly polyurethane foams: vegetable oils for thermal insulation /
P106	Mohammed Cherif TERKHI mcterkhi.univmosta@gmail.com	Eco-friendly synthesis of Al ₂ O ₃ nanoparticles for dye removal from water: adsorption, kinetics, and environmental relevance. /
P107	Khadîdja HOUTIA houtiakhedidja@gmail.com	Effect of Bacterial Biosurfactants on Soil Bioremediation: An Eco-Biotechnological Approach. Bibliographic study Mourad JRIDI
P108	Rima Ghemit rymgghemit@yahoo.fr	Efficient removal of Ibuprofen from aqueous solutions using calcined MgZnAl ternary layered double hydroxide (LDH) Abdessalem MAKHLOUFI
P109	Khawla Bair khawlaadem97@gmail.com	Elaboration and Characterization of the Boehmite AlO(OH) Hybrid Material /

P110	Houria Alioui <i>houriaaliouchim@yahoo.com</i>	Elaboration et caractérisation d'une nouvelle série d'hydroxyapatites dopées et co-dopées. Application à l'élimination du diclofénac. /
P111	Lamia KHENNICHE <i>lamia.khenniche@univ-bejaia.dz</i>	Elimination d'un colorant textile le Rouge Azucryl par adsorption sur un charbon ferromagnétique Kamel BETTACHE; Farida BENISSAD-AISSANI
P112	Wafa Zaibet <i>wafa.zaibet@univ-setif.dz</i>	Elimination du bleu de méthylène par adsorption en milieu aqueux en utilisant une biomasse végétale Rima Benbekai; yasmima Bennaidja
P113	SALAH BAHAH <i>salah.bahah@univ-bba.dz</i>	Etude comparative des propriétés physico-chimiques et morphologiques de deux argiles anioniques de types NiAlCO ₃ (R=4) et MAICO ₃ (R=4). /
P114	Leila Zade Adimi <i>adimi_lz@yahoo.fr</i>	ETUDE ETHNOBOTANIQUE DU CHARDON MARIE /
P115	GAID EL HABIB <i>gaid198107@gmail.com</i>	Evaluation de l'effet des acaricides chimiques contre l'acarien Tétéanyque Tetranychus articae (Koch) (Acari : Tetranychidae) sous serres géothermiques dans les sud algérien /
P116	Abdenmour AISSI <i>abdouu503@gmail.com</i>	Evaluation des performances du variétés anciennes et autres améliorés de blé dur en agriculture biologique /
P117	Nora TOUMI <i>nononor@hotmail.fr</i>	Evaluation du taux d'absorption d'eau et de la stabilité thermique de biomatériaux à base de polyéthylène basse densité et d'amidon thermoplastique (PEBD/TPS) /
P118	Amina Boukezzoula <i>boukezzoulaamina20@gmail.com</i>	Evaluation of the anti-inflammatory potential of pomegranate peel for recycling plant waste /
P119	Ayoub Bekka <i>ayoubbekka9@gmail.com</i>	Evaluation of traditional uses ,antioxidant activity and toxicity of a medicinal plant lamiacea family. Noureddine Charef; Ahlem Karbab
P120	Belkacem kaci <i>mahdikaci285@gmail.com</i>	Expedited synthesis of zeolithe type cancrinite from low-Quartz kaolin by microwave activation to remove Cd ²⁺ Mohamed Sassi
P121	Hadja Alia TABTI <i>ha.tabti@univ-tissemsilt.dz</i>	Exploring the Potential of Cu-LDHs Composite for Removal of Coomassie Brilliant Blue Dye /

P122	Kahina Iggui k.iggui@univ-bouira.dz	Extraction of Lignin as bio-additive for enhancement properties of biocomposite films /
P123	Charef Takoua takoua.chatref@univ-sétif.dz	Gamma Radiation Shielding Characteristics of a Novel Polyethylene Terephthalate–Aluminum Oxide Composite. /
P124	HENNANE Sarra sarra.hennane@univ-usto.dz	Gestion durable des polluants solides : vers une économie circulaire par le recyclage innovant des déchets /
P125	DRARDJA Yamina aouachria_dz@yahoo.fr	Green Modification of PLA/PHBV Blends Using Epoxidized Oils for Additive Manufacturing /
P126	Djamel eddine Grairi grairidjameleddine@gmail.com	Green Reinforcement: Using Vegetable Fillers to Improve Recycled Plastic Properties" Saliha Chaoui; Rachida Krache; Ali Zerouh
P127	Racha Medjda Bouchenak Khelladi rashamajda@hotmail.fr	HYBRIDE WASTEWATER TREATMENT BY SAND AND ACTIVATED CARBON Meriem BENYAGHUB; Racha Medjda Bouchenak Khelladi; Abdelghani Chiboub Fellah
P128	Ibtissam AMEUR ameuribtissem06@gmail.com	Immobilization of Bioactive Compounds from <i>Pituranthos scoparius</i> in Eco-friendly Films: A Step Towards Plastic-Free Food Preservation /
P129	BENNESSER Selma selma.bennesser@univ-setif.dz	Influence of Lignin/Graphite-Based Rigid Bio-Polyurethane on Thermal Insulation Performance /
P130	Amel Khettala amel.khettala@univ-biskra.dz	Interaction Between D2EHPA And 1-Décanol During Cobalt Solvent Extraction /
P131	Radia mekhazni makhazni.radia@gmail.com	Le Remblayage Minier: Entre Solution Environnementale et Défi Géotechnique /
P132	BAIRA Fayçal baira.fayc@gmail.com	Matériaux composites renforcés par la cellulose et l'amidon /
P133	Bentama Ihssen ihssenbentama@gmail.com	Modélisation ,simulation et optimisation du procédé d'hydrogénation catalytique du CO pour la production de

		méthanol dans un réacteur multi-étages adiabatique :cas de la section 500 du complexe CP1Z de la raffinerie d'Arzew Boukezoula tayeb Fakhreddine; Belkhiat djamel eddine chouaib
P134	Mohamed Marref <i>marrefdz@yahoo.fr</i>	Morphology, Structure of polyvinyl chloride (PVC) nanocomposites with optimized thermal and optical properties Diego Alonso Velasco; and Rachid Meghabar
P135	Chaima BOUCHHIT <i>ch.bouchhit@univ-skikda.dz</i>	Natural Leaf Extract as a Green Corrosion Inhibitor for Welded Stainless Steel in Aggressive Media /
P136	Ammar Semane <i>ammar.semame@univ-msila.dz</i>	Numerical analysis of the impact of collector diameter on solar chimney performance Ammar semane
P137	Imane LANSARI <i>imanelansari93@gmail.com</i>	Optimisation d'adsorbant à base de chitosane pour l'élimination du complexe ferrique trisodique du N-méthyl-1,8-naphtalimide-4-sulfonate. /
P138	Meryem BOUNAAS <i>meryem.bounaas@enp-constantine.dz</i>	Optimization of Physicochemical Parameters for Dye Adsorption Using Raw Carrot Peelings Bareche Ahmed et Fareh Oualaa Yasser
P139	Amina BEN BOUABDALLAH <i>temmar.amina@yahoo.com</i>	Orange peel as a green biosorbent for removal of cadmium from wastewater /
P140	Khadidja Chiali Charif <i>kh_charif@yahoo.fr</i>	ozone is used for wastewater recovery /

POSTER SESSION 0308th OCTOBER 2025

10 : 05 – 10 : 45

From P141 → P210

SESSION CHAIR	Dr. Djalila BOUDEMAGH	
MEMBERS	Dr. Lotfi BAAMEUR`	Prof. SULTAN Mohamed
	Dr. Ahmed TABCHOUCHE	Prof. BOURAS Omar
	Prof. Farid ROUABAH	Prof. HABA Hamada
	Prof. ZERROUAL Larbi	Prof. BELHADJI Kinza Amel
	Prof. AMRANE Abdeltif	Prof. ZAZOUA Ali
	Dr. Hicham KOUADRI	Dr. Brahim BARKA

Code	Author email	Titre Co-authors
P141	Samira Ghedjati sghedjati10@gmail.com	Phenolics compounds , antioxidant and analgesic proprieties of Sanguisorba minor L. collected from Eastern Algeria /
P142	Hakima Bozetine hakima.lhocine@ummto.dz	Photodegradation of methylene bleu by a ternary heterostructure ZnO/Carbon/Ag NPs Sabrina AZIRI; Yacina DJEBRA; Rezika BAKRI; Nabila BERKANE; Dihia Aberkane; Toufik HADJERSI
P143	Rezzougui Younes yns.rezzougui@gmail.com	Photografting by UV irradiation a PEBD film substrate with Methacrylate Methyl (MMA) as monomer Aymen Bendrihem; rezzougui younes
P144	Aouicha Belabbacia aouicha_belabbaci@yahoo.fr	Physicochemical properties of binary mixtures of containing 1-hexene and Alcohols at (293.15 - 303.15) K /

P145	Nassiba Moghni <i>moghniassiba@gmail.com</i>	Plant-Mediated Green Synthesis of TiO ₂ Nanoparticles: Influence of Calcination Temperature on Structural and Photocatalytic Properties /
P146	Kamira AOUACHRIA <i>aouachria_dz@yahoo.fr</i>	PLASTIC WASTE MANAGEMENT AND RECYCLING AT THE COMPANY LEVEL NOVAFIBRE SETIF /
P147	Bahdja Hayoun <i>bahdja.hayoun@univ-bejaia.dz</i>	Preparation and characterization of an efficient adsorbent for the removal of a pharmaceutical compound from aqueous media. /
P148	N.L. Benkelfat-Seladji <i>benkelfatanihel@gmail.com</i>	Propriétés thermophysiques des systèmes binaires contenant du 2-éhoxyethanol et des alcools. /
P149	M. Diffallah <i>m.diffallah@univ-soukahrass.dz</i>	Removal of Azorubine E122 dye via Activated Biochar /
P150	Oum Keltoum MALLEM <i>oumkeltoummallem@univ-adrar.edu.dz</i>	Removal of heavy metals using a new bio-based adsorbent activated by an ecological method /
P151	N. AIT MIMOUNE <i>nouara_@live.fr</i>	Screening of antioxidant and antimicrobial activities of hydroethanolic extracts of nettle /
P152	Leila BOUTENTAM <i>leila.boutentam@g.ens-kouba.dz</i>	Selective Extraction Based on Solubility: A Comparative Study of ESSAM and Hydrodistillation /
P153	BOUBATRA Mustapha <i>boubatra@yahoo.com</i>	Simultaneous removal of chromium, zinc and copper by coagulation-flocculation using modified natural coagulants /
P154	Imane MAYOUF <i>mayouf.i@centre-univ-mila.dz</i>	Smart Biopolymers For Food Packaging: A Green Approach to Intelligent and Active Packaging Aida DERMOUCHI; Nadjet CHELGHOUM; Melia GUESSOUM
P155	Ouafa BOUNEKTA <i>wabounekta2@gmail.com</i>	Stabilité thermique des polymères biodégradables /
P156	Ounnoughi Hadjer <i>hadjerounoun@gmail.com</i>	Study of the adsorption of Methylene Blue on a biomaterial based on phosphate Ounnoughi hadjer

P157	Lilia Benchikh <i>lilia.benchikh@gmail.com</i>	Sustainable composites from PLA and Cellulose Fibers: Recycling of Medical Gauze Bandages Waste Lilia benchikh
P158	HENNANE Sarra <i>sarra.hennane@univ-usto.dz</i>	Sustainable Management of Solid Pollutants: Toward a Circular Economy through Innovative Waste Recycling /
P159	Amina Belounis <i>a.belounis@univ-alger.dz</i>	Sustainable Nitrate Removal from Water Using Biogenic Hydroxyapatite Derived from Camel Bone: Synthesis, Characterization, and Adsorption Performance /
P160	Kheira Belkassa <i>belkassa.kheira@yahoo.fr</i>	Synthèse d'un matériau nano-hybride « aluminosilicate/tensioactif » application à la rétention d'un rejet pharmaceutique Abdelkader Hakkoum; Mounir Khelifa
P161	Amal Guerdouh <i>amelguerdouh@yahoo.fr</i>	Synthesis and Antibacterial Assessment of a Bidentate Schiff Base Ligand Using the Disc Diffusion Method Mebarka Timedjeghdine; Ahmed Tabchouche
P162	Katiba Bouarouri <i>katiba_bouarouri@yahoo.fr</i>	SYNTHESIS AND CHARACTERIZATION OF ORGANO Mg-Fe LAYER DOUBLE HYDROXIDES AND ITS APPLICATION ON ADSORPTION OF HIMIC ACID FROM SEEWATER /
P163	GUERBA Hadjira <i>Hadjira.guergour@univ-setif.dz</i>	Synthesis, Characterization and Nuclear Applications of MCM-41 and MCM-48 Mesoporous Materials /
P164	GUERBA Hadjira <i>Hadjira.guergour@univ-setif.dz</i>	Synthesis, Characterization and Nuclear Applications of SBA-15 Mesoporous Silica /
P165	Layachi Merabet <i>merabetayachi@gmail.com</i>	Synthesis, Crystal Structure, and Hirshfeld Surface Analysis of a New Zwitterionic Pyran-2-one Schiff Base Ligand /
P166	NABILA Benabila <i>nabila.bennabila@univ-msila.dz</i>	Theoretical Study of Excess Molar Volumes in Binary Mixtures of Alkoxyethanols and Selected Amines Using DFT /
P167	Zoubida KOUROULOU <i>zoubida.kouroulou.etu@univ-mosta.dz</i>	Treatment of Polluted Water Using Adsorption by a Plant-Based Biosorbent Mahmoud BELALIA; Fatima Zohra BELKACEM; Asmae BENABBOU; Halima DELALI; FOUAD Mekhalef Benhafsa FOUAD Mekhalef Benhafsa
P168	Najla Ben Ameer <i>banajla@yahoo.fr</i>	Ultra-rapid dual dye removal recyclable by highly efficient blue crab crustacean biochar /

P169	Amal Ayad amel.ayad@univ-tlemcen.dz	Ultrasonic studies on molecular interactions of N, N-dimethylacetamide with 1-butanol, 1-pentanol, furfural or furfuryl alcohol from 293.15 to 323.15 K /
P170	Samah IKHLEF ikh_samah@hotmail.com	Un matériau composite agrosourcé à base de polypropylène renforcé par une charge végétale locale /
P171	Zaidi Dallel zaididallel@gmail.com ; ferria_k@yahoo.fr	Unclad optical fiber coated with graphene for barium detection /
P172	Soumia BOULAADJOUL sbousoumia@gmail.com	Use of available locally bio-resource as an eco-friendly coagulant for wastewater treatment /
P173	Soufyane ALIOUAT aliouatsofiane54@gmail.com	Utilization of hydroxypropyl cellulose as reducing and stabilizing agent for efficient synthesis of copper oxides nanoparticles /
P174	GUERBA Hadjira Hadjira.guergour@univ-setif.dz	Valorisation des biodéchets pour l'adsorption des polluants organiques /
P175	Mahammed Ouali Dinar d.ouali1967@com	Valorisation des graines de Moringa oleifera Lam. (Arbre de vie) de la région de Timimoun dans l'épuration de l'eau /
P176	Mohamed Mehdi KACI mkaci@usthb.dz	Valorization of an agricultural waste for the elimination of textile effluents by the adsorption process /
P177	Malha OUDIR oudir@essaia.dz	Valorization of Cactus Cladodes Powder for Biopolymer Development: A Sustainable Approach for Eco-Friendly Materials Zohra AIT MESBAH ; Nadia ISSAD
P178	SARRA BEKRI sarra.bekri@univ-bba.dz	Valorization of Luffa cylindrica residues for the production of activated biochar: Application to the decolorization of industrial effluents BRAHIM ABDELKEBIR
P179	Racha Medjda rashamajda@hotmail.fr	WASTEWATER TREATMENT WITH BIO-FLOCULANT FROM PRICKLY CACTUS Meriem BENYAGOUB ; Racha Medjda Bouchenak Khelladi ; Abdelghani Chiboub Fellah
P180	Salah eddine Laouini salah_laouini@yahoo.fr	Efficient Hydrogen Production Coupled with Antibiotic Degradation Using SeO ₂ /Se Nanocomposite Fabricated via Co-Precipitation Laouini Salah Eddine

P181	Abdelkader DILMI <i>abdelkader.dilmi@univ-bba.dz</i>	Valorisation des eaux usées domestiques de la STEP Bordj Bou Arréridj pour la production durable d'hydrogène vert grâce à la technologie électro-microbienne: Abdelkader Dilmi
P182	Loubna Oumamar <i>loubna.oumamar@gmail.com</i>	Assessment of Carboxyl Content and Drug Delivery System in Hydrogel Films Loubna oumamar
P183	Lhadi OTMANI <i>l.otmani@univ-eltarf.dz</i>	High-Performance Ionic Separation Using Graphene Oxide Nanohybrid-based Nanocomposite Membranes in Microbial Fuel Cells Lhadi OTMANI
P184	Zakaria HADDAD <i>zakaria.haddad@univ-bejaia.dz</i>	Thin Fluid Film Flow on Membrane with Feedback Control Nadia BOUAM MEHIDI; Amar DJEMA; Abdelmalek MEHAYECH
P185	Samia BENRABAH <i>samia.benrabah@univ-annaba.dz</i>	Approche à l'évaluation des effets du changement climatique sur la disponibilité des ressources hydriques dans un environnement semi-aride (Guelma). Mounira TOUATI; Nora ALLOUANI
P186	Oussama Bentriddi <i>bentriddioussama@gmail.com</i>	Comparative Adsorption Performance of Chemically and Physically Activated Carbons: A Study on a Cationic Dye Removal Oussama Bentriddi
P187	Souhila saim <i>saim.souhila@univ-mascara.dz</i>	Détection et biodégradation des résidus du ciprofloxacine dans les eaux usées /
P188	AISSA BOUDJEMAA <i>boudjemaaaisa@yahoo.com</i>	Elaboration and characterization of a superabsorbent hydrogel based on three monomers /natural charge of Alfa, Application in the environment AISSA BOUDJEMAA
P189	DERMOUCHI Aida <i>dermouchi.a@centre-univ-mila.dz</i>	Electrospun Nanofiber Membranes for Sustainable Removal of Metals and Dyes Imane MAYOUF; Sarra BENSOUIKI; Sihem ARRIS
P190	Bougossa Amina <i>amiinabougoussa2001@gmail.com</i>	Encoding Plant-Human Communication through Bioelectrical Acoustic and Optical Waves: Toward Bio-Integrated Chemical and Optical Interfaces for Environmental Monitoring /
P191	HAMIDA Messaouda <i>mounahmda@gmail.com; s.merouani@yahoo.fr</i>	Enhanced Degradation of a Recalcitrant Industrial Dye from Water : A Comparative Study of Two Oxidative Processes /
P192	Amel Salamani <i>amel.salamani@univ-bba.dz</i>	Évaluation De L'Efficacité De L'Ozone Dans Le Traitement De La Turbidité, De La Matière Organique Et De La Couleur Par La Technique De L'Ozonation : Cas Du Barrage De Ain Zada Amel Salamani

P193	Fadila saouli <i>saoulifadila2@gmail.com</i>	IMPACT DE LA SECHERESSE SUR LE TRANSPORT LIQUIDES ET SOLIDES DANS LE BASSIN VERSANT DE L'OUED ISSER (NORD-UEST DE L'ALGÉRIE) - TLEMSEN /
P194	Belkacem AIT TALEB <i>belkacem.aittaleb@univ-bejaia.dz</i>	Impact of MHD Simulation on Natural Convection Cooling of Heat Sources in a Square Cavity Using a Hybrid Nanofluid Al ₂ O ₃ -Cu/H ₂ O Adel SAHI; Djamel SADAoui
P195	Nassima Belhouchet <i>belhouchet.n@gmail.com</i>	Microplastics (MPs) assessment of marine sediments in the bay of Boulsmail: POLLMicroplastics-01 campaign /
P196	Ouahiba MOUMENI <i>moumeni_wah@yahoo.fr</i>	Modeling molecular interactions for corrosion protection using aminophosphonates. /
P197	Nassima Belhouchet <i>belhouchet.n@gmail.com</i>	POLLMicroplastics-01 campaign: First evaluation of microplastics (MPs) contamination of marine sediments in Boulsmail Bay /
P198	Zouita Nadjoua <i>nadjoua.zouita@univ-biskra.dz</i>	Possibilité de la Récupération de l'eau atmosphérique par condensation dans la région de Tébessa /
P199	Imed Loukam <i>i.loukam@univ-soukahrass.dz</i>	Seawater desalination in Algeria : Distribution of plants, capacity and production costs /
P200	Abdelkebir Khadidja <i>khadedja.abdelkebir @univ-batna2.dz</i>	Simulation by using the Molecular Modeling for characterization and evaluation in silico of biological effects(anti-inflammatory potential) of bioactive extracts of medicinal plants Adjroud Ounassa
P201	Diaf Amine <i>a.diaf@cu-maghnia.dz</i>	Surface and underground water security in the Wilaya of Tlemcen (North-West Algeria) Abderrahmane Nekkache Ghenim; Fayçal Djellouli; Halima Belarbi
P202	Khadidja TIMI <i>khadidjatimi.hu@gmail.com</i>	The influence of the Western Mediterranean Oscillation Index (WeMoi) on precipitation in the Khemis watershed /
P204	Walid REZIG <i>walid.rezig@univ-usto.dz</i>	Characterization and Valorization Potential of Industrial Sludge from a Gas Complex /

P205

**Ben Khadda Ben
Ammar**

babkgch2014@gmail.com

Effect of Light Wood Precast Concrete on Hydrothermal and Energy Transfers in the Building

/

P206

Samira SAHI

sahi_samira@outlook.fr

Effect of several recycling processes in physical and mechanical properties of a naturally reinforced composite

/

P207

Hicham Kouadri

chinpolyhim@yahoo.fr

Enhancement of the photodegradation resistance and antibacterial properties of pp-hdpe nanocomposites based nanoclay and zinc oxide

/

P208

Nesrine Zenidi

nesrine.zenidi@univ-biskra.dz

Exploring the recycling of solid pollutants through the valorization of forest derived biomass waste

/

P209

**Nour Rahouadja
KERBATI**

nour.kerbati@univ-tebessa.dz

Geotechnical and Environmental Evaluation of Iron Ore Tailings from Ouenza Mine as a Sustainable Backfill Material

/

P210

Naima Bakhtaoui

bakhtaoui2010@gmail.com

GRAVIMETRIC STUDY OF IRON CORROSION INHIBITION BY EXPIRED DRUGS IN 1M HCL MEDIUM

/

POSTER SESSION 0408th OCTOBER 2025

16 : 10 – 10 : 40

From P210 → P270

SESSION CHAIR	Prof. Saifi ISSADI	
MEMBERS	Prof. AMRANE Abdeltif	Dr. Noredline BOUMAAZA
	Prof. Sahar IBRAHIM HAMED MUSTAFA	Dr. Brahim BARKA
	Prof. MAALEJ Ramzi	Dr. Hicham ATTOUT
	Prof. AHMED KATTEB	Dr. Zoubir MANAA
	Prof. Said BOUHELAL	Prof. ZAZOUA Ali
	Prof. Farid RIAHI	Dr. Lotfi BAAMEUR
	Prof. Abdelhak HELLATI	Prof. Abdelbaki REFFAS
	Prof. BELHADJI Kinza Amel	Prof. HAMMI Halim
		Dr. Hadjira GUERBAA

Code	Author email	Titre Co-authors
P211	ABDERRAOUF Seddik abderraouf.seddik@univ-setif.dz	Pyrolysis of Plastic Waste: A Sustainable Approach for Converting Plastic into High-Quality Fuels for Environmental and Energy Solutions /
P212	garmia DERAFA gderafa@yahoo.fr	The interest of composite beads materials starting from waste of agriculture in the water treatment /
P213	Fatima Zohra KAHLOUCHE kahlouche.fzohra@gmail.com	Use of a bio-adsorbent as a Functional Additive for Improving Bioethanol Production from Bread Waste /

P214	Leila Zade Adimi <i>adimi_lz@yahoo.fr</i>	Valorisation des rebuts de dattes en Algérie /
P215	Karima Ghit <i>ghit.karima23@gmail.com</i>	Valorization and Recycling of Industrial Solid Waste: A Circular Approach for Pollution Reduction and Ecological Transition Fatima ADJIRI; Noureddine LAADEL; Aymen MOGHLI; Karima HACHEMAOUI
P216	Salem KRIM <i>salem.krim@crtaa.dz</i>	Valorization Of Olive Pomace For Polypropylene-Based Composite Materials Development /
P217	NESRINE RACHEDI <i>nesrine_rachedi@yahoo.fr</i>	Analyse numérique de la convection naturelle doublement diffusée dans une cavité carrée inclinée Guellal Messaoud
P218	Abdelfateh Benmakhlouf <i>abdelfateh.benmakhlouf@univ-bba.dz</i>	Analyse par plan d'expérience de l'élimination d'un colorant organique par un biocharbon élaboré à partir d'un déchet naturel /
P219	Hachani Djihad <i>hachanidjihad94@gmail.com</i>	Application of Feedforward Neural Networks for Streamflow Prediction and Water Security in the Oued Zeddine Watershed, Northern Algeria /
P220	Toumi A <i>a.toumi@univ-eltarf.dz</i>	ASSESSMENT OF WATER CONTAMINATION IN A LAKE ECOSYSTEM (RAMSAR SITE) /
P221	Zineb MEGUELLATI <i>z.meguellati@univ-boumerdes.dz</i>	Central composite design of azo-carmin G adsorption using hydrotalcite-like materials /
P222	Hayat BELHORMA <i>hayatbelhorma@gmail.com</i>	CFD modelling of urban microclimates: A Lever for Sustainable Urban Planning /
P223	IMED EDDINE MAIZA <i>nesrine_rachedi@yahoo.fr</i>	Effet des nanofluides sur le comportement d'un échangeur à contre-courant soumis à des températures variables Messaoud GUELLAL; Nesrine RACHEDI
P224	Abdellatif Rahmani <i>dr.rahmani.univ.ouargla@gmail.com</i>	Enhanced Water Security through Bioremediation of Domestic Wastewater Using Chlorella sorokiniana Microalgae in Arid Desert Regions /

P225	Roufaida MERIR <i>roufaida.merir@univ-setif.dz</i>	Enhancing Enzymatic PET Biodegradation through Chaperone-Assisted Folding: A Computational Study and Molecular Docking Study of PETase and GroEL/GroES Interactions /
P226	Aroufi Hayet <i>h.aroufi@univ-soukahras.dz</i>	Environmental Impacts of water Erosion Vulnerability Using Machine Learning Techniques in the Medjerda Watershed Sabri Dairi
P227	Hiba Khatir <i>khatirhiba6@gmail.com</i>	Étude Théorique des Propriétés Catalytiques d'un Agrégat Cu_Pt_ Supporté sur l'Alumine (Al ₂ O ₃) dans le But de la Production du Méthanol /
P228	Meriem DJENANE <i>meriemdjjenane@yahoo.fr</i>	Evaluation in silico des propriétés inhibitrices de deux composés via Mpro Noudjoud HOUAS
P229	Hassiba Benchekor <i>Hassiba.benchekor@univ-temouchent.edu.dz</i>	Experimental Study of Cadmium Removal from Water Using Shrimp Shells as a Green Adsorbent /
P230	Abdenour ELIAS <i>elias.abdonour@gmail.com</i>	Gasification based power generation of CHP system from olive pomace in kabyilia region : technoeconomic assessment /
P231	Mouna BENBOUDA <i>benbouda.mouna@gmail.com</i>	Green-synthesized fluorapatite for the removal of dyes from wastewater /
P232	mohamed raid nadir <i>nadir.mohamedraid@yahoo.com</i>	initial value problem to a Volterra integral equation Mohamed Raid Nadir
P233	Imen DHAOUADI <i>imen.dhaouadi@yahoo.fr</i>	La gouvernance innovante de l'eau : La politique du Centre de Recherches et des Technologies des Eaux /
P234	BOUFADI Fatima Zohra <i>fatima.boufadi@univ-sba.dz</i>	LE DESSALEMENT EN ALGERIE: REALITES, DEFIS OPPORTUNITES POUR UN AVENIR DURABLE /
P235	Nouredine Kelkouli <i>nouredine.kelkouli@univ-tiaret.dz</i>	Machine Learning-Based Integration of RUSLE, Remote Sensing, and Soil Analysis for Soil Erosion Assessment in a Semi-Arid Region /
P236	Meriem ZERROUKI <i>mzerrouki5210@gmail.com</i>	Marine Spatial Planning (West and Center of the Algiers coast) /

P237	Nouria CHIALI BABA-AHMED <i>nouriabdz@yahoo.fr</i>	Mesures et modélisation des propriétés physico-chimiques du 1,2-Diméthoxyéthane et ces mélanges binaires avec différents des alcools /
P238	HAMAIDIA Houda <i>h_hamaidia@yahoo.fr</i>	Microbiological, physico-chemical and taxonomic characteristics of water from the AIN ZARGA dam (Tebessa, northeastern Algeria) /
P239	IBTISSEM HOUCINAT <i>ibtissem.houcinat@univ-constantine3.dz</i>	Modeling and Optimization of Chlorella protothecoides Algal Biomass Conversion /
P240	mohamed lamine KHALFA <i>mohamed-lamine.khalfa@univ-annaba.dz</i>	Modélisation numérique et évaluation du phénomène de rupture de barrage /
P241	Nesrine ABIZA <i>nesrine.abiza@univ-setif.dz</i>	Modélisation prédictive de l'unité 510 RA1A d'isomérisation du naphta léger grâce à l'intelligence artificielle Djamel Eddine Chouaib Belkhat; Tayeb Fakhreddine Boukezoula
P242	Lakhdar Aidaoui <i>l.aidaoui@univ-djelfa.dz</i>	Monitoring of environmental pollution in Algeria during the period 2003-2018, using satellite data: Nitrogen dioxide trends. /
P243	Oualid Chinoune <i>oualid.chinoune@univ-setif.dz</i>	NaSiCl ₂ : A Lead-Free Perovskite for Next-Generation Solar Cell Applications Rania Charif; Asif Nawaz Khan; Salma Rabhi
P244	samira GOUFFI <i>gouffisamira2021@gmail.com</i>	Numerical Modeling of Dam Failure and Interaction with Obstacle /
P245	Samir Belghoula <i>m.belghoula@univ-chlef.dz</i>	Numerical Modeling of Point Absorber Wave Energy Converters Using Boundary Element and Time-Domain Simulations /
P246	Amel BOUCIOUF <i>bouciouf.amel@gmail.com</i>	On the effect of bioreactor scale-up on hydrogen production by CO upgrading /
P247	Aymene Salah Bendrihem <i>aymenesalahbendrihem@gmail.com</i>	Optimization and Mechanistic Study of Cationic Dye Adsorption onto Biomass-Derived Biochar: A Kinetic and Isotherm Modeling Approach Roufaida MERIR
P248	MADI Nor E Ihouda <i>nmadi@usthb.dz</i>	Photocatalytic Degradation of Hydrocarbons in Refinery Wastewater: Hydrodynamic Optimization and Pilot-Scale Validation /

P249	Nour El Houda Hammoudi <i>hammoudi_nourelhouda@yahoo.com</i>	Predicting Corrosion Inhibition Efficiency Using Machine Learning Techniques /
P250	Intissar Meghzili <i>i.meghzili@centre-univ-mila.dz</i>	Protection De La Biodiversité Et Gestion Des Risques D'incendies Par Les SIG : Cas De La Wilaya De Mila (Nord Est Algérien) /
P251	Nouredine Makhloufi <i>n.makhloufi@univ-chlef.dz</i>	Régionalisation des paramètres du modèle HEC-HMS pour la simulation des débits de l'eau dans le bassin semi-aride Oued Tikzal, bassin versant du Cheliff (Algérie) Yamina ELMEDDAHI
P252	Yahia HAMMAR <i>yahia.hammar@univ-annaba.dz</i>	Simulation numérique de la capacité du fonctionnement de la station d'épuration de Sedrata par GPS-X. /
P253	Mohamed nasseh Nadir <i>nadir.mohamednasseh@yahoo.com</i>	solution of volterra-fredholm integral equation /
P254	Samir Belghoula <i>m.belghoula@univ-chlef.dz</i>	Spar-Buoy Oscillating Water Column Devices for Marine Energy: A Hydrodynamic Modeling Approach /
P255	LILA KERRAI <i>lilakarai@yahoo.fr</i>	Study and Calculation of LPG Treatment Unit to Maximize Propane Yield SAMIRA TEBANI
P256	Abdallah BOUGUETTOUCHA <i>abdallah.bouguetoucha@univ-setif.dz</i>	Study on the Adsorption of Methylene Blue by Activated Coconut Shells: Kinetics, Thermodynamics, Mechanism, and Regeneration OMNIA BENKOUACHI
P257	Mohammed LAHCENE <i>mohammedlahcene@yahoo.fr</i>	Traitement des eaux usées utilisant un charbon actif préparé a base des noyaux des dattes /
P258	Izzeddine SAMEUT BOUHAİK <i>i.sameutbouhaik@gmail.com</i>	Unraveling the Reductive Degradation Mechanism of Acid Orange 7 via Biologically Mediated Azo Bond Cleavage: A DFT-Driven Mechanistic Study /
P259	HERBADJI Abdelmadjid <i>a.herbadji@univ-eltarf.dz; slimanekheloufi03@gmail.com</i>	Influence of Electrode Material on the Efficiency of Combined EF/EC Processes in Wastewater Dye Treatment /
P260	BEDRI Rayane <i>rayanebedri1997@gmail.com</i>	Microbial Biodegradation of Furfural in Petroleum Refinery Effluents SEKKOUR Sonia

P261	Nabila BERRIGHI <i>n.berrighi@esa-mosta.dz</i>	Impact of Varying Freezing Temperatures on <i>Sardinia pilcarodus</i> as Blue fish's Nutritional Composition and Microbiological Quality Ramazan Erenler
P262	AOUIR Fairouz <i>f.aouir@univ-boumerdes.dz</i>	Green Adsorption Approach for the Efficient Removal of Methylene Blue from Aqueous Solutions Nasrallah Noureddine; CHEBLI Derradji
P263	BENBEKAI Rima <i>rimabenbekai193@gmail.com</i>	Engineering Synthetic Zeolites for the Adsorptive Elimination of Organic Contaminants from Aqueous Systems CHEBLI Derradji; BOUGUETTOUCHA Abdallah
P264	SAYAD MANAL <i>manal.sayad@univ-setif.dz</i>	Acousto-Optical Measurement of Sound Velocity in Solution
P265	AOUIR Fairouz <i>fairouzmerroushe98@gmail.com</i>	Green Adsorption Approach for the Efficient Removal of Methylene Blue from Aqueous Solutions NASRALLAH Noureddine; CHEBLI Derradji; BOUGUETTOUCHA Abdallah
P266	BENBEKAI Rima <i>rimabenbekai193@gmail.com</i>	Engineering Synthetic Zeolites for the Adsorptive Elimination of Organic Contaminants from Aqueous Systems CHEBLI Derradji; BOUGUETTOUCHA Abdallah
P267	Rabia Benamara <i>rabie_benamara@yahoo.fr</i>	Synthesis and Characterization of Layered Double Hydroxide for Enhanced Adsorption and Photocatalytic Degradation of Congo Red Fares Kahoul; Derradji Chebli; Abdallah Bouguettoucha; Hichem Attout
P268	Kamel OUARI <i>kamel_ouari@univ-setif.dz</i>	Design and Study of a New Tetradentate Zn(II) Schiff Base Complex: Synthesis, Characterization, and Molecular Features
P269	GUELLAL Messaoud <i>messaoud.guellal@gmail.com</i>	Thermal energie storage in saline solutions FENNI Manel; BENADDI Ilhem
P270	Derradji Chebli <i>derradji_chebli@yahoo.f</i>	Elimination des polluants par nitrile de carbone dopé par la carbone dot Abdallah BOUGUETTOUCHA



Third International Workshop on Environmental
Engineering (IWEE'25)

2025

07th - 08th OCTOBER 2025 SÉTIF - ALGERIA



WORKSHOP SESSION

WORKSHOP SESSION

SECOND DAY 08th OCTOBER 2025

TITLE : PLASTIC PROCESSING

SESSION CHAIR : Prof. D. CHEBLI

Meeting of PROWIN managers with experts:

MEMBERS :

DOUIBI Abdelmalek ; S. BOUHELAL ; F. RIAHI. F. NAAMOUNE; M. BOUBATRA;
A. HELLATI; T. MEKHALEF; F. CHEBIRA





WORKSHOP WEBSITE

