



PROGRAM OVERVIEW

Tuesday, November 11, 2025

15 :00-18:30	Welcome and Registration of the Participants (Faculty of Medicine- Agadir)
--------------	---

Wednesday, November 12, 2025

08:30 - 09:30	Welcome and Registration of the Participants (Faculty of Medicine- Agadir)
---------------	---

09:30 - 10:15	Official Opening Ceremony
---------------	----------------------------------

10:15 - 10:50	PL. 1: Prof. Lhoussaine BOUCHAOU, Ibnou Zohr University, Morocco New Technologies for Water Resources Management: Insights from Morocco Chairs : Mohamed TAKY, Noureddine BARKA, Fatima EL BAZ
---------------	---

10:50 - 11:15	Break/ Poster Session I/ Stands visit
---------------	--

11:15 - 11:50	PL. 2: Prof. Renato FROIDEVAUX, University of Lille, France Enzyme Biocatalysis For Agro-Resources Valorization Chairs : Abdeslam LAMIRI, Siham MALLOUK, Abdellah LACHERAI
---------------	---

11:50 - 12:25	PL. 3: Prof. Mohamed TAKY, Ibn Tofail University, Kenitra, Morocco Desalination in Morocco: Strengths, Challenges and Research Opportunities Chairs : Mohamed ESSAHLI, Amina SOUDANI, Soulaïman IAICH
---------------	--

12:30 - 14:30	Lunch Break
---------------	--------------------

14:30 - 15:00	PL. 4: Prof. Gabriela CARJA, Technical University "G. Asachi", Iasi-Romania Confinement of Very Small Metal Nanoparticles into the Layered Double Hydroxide Matrices for Sustainable Catalysis Chairs : Mohammed CHAFI, Saloua JEMJAMI, Mostafa CHHIBA
---------------	---

15:00 - 15:30	PL. 5: Prof. Bennetta KOOMSON, Kwame Nkrumah University of Science and Technology, Ghana Detoxification of Spent Cupels for Engineering Applications Chairs : Gabriela CARJA, Lahoucine ATOURKI, Souad HAIDA
---------------	---

15:30 - 16:30	Oral Session 1
---------------	-----------------------

16:30 - 17:00	Break/ Poster Session I/ Stands visit
---------------	--

17:00 - 18:30	Oral Session 2
---------------	-----------------------

Thursday, November 13, 2025

09:00 - 09:35	PL. 6: Prof. Luigi RIZZO, University of Salerno, Italy Tertiary and quaternary urban wastewater treatment and reuse in Europe Chairs : Lahcen BAMMOU, Lhaj El Hachemi OMARI, Bennetta KOOMSON
---------------	--

09:35 - 10:10	PL. 7: Prof. Ahmed S. G. KHALIL, Fayoum University, Egypt Nanocomposite PES Membranes for Wastewater Treatment Chairs : Mohamed ABDENNOURI, Lahoucine ATOURKI, Mohamed CHIBAN
---------------	--

10:10 - 10:40	Break/Poster Session II/ Stands visit
---------------	--

10:40 - 12:30	Oral Session 3
---------------	-----------------------

12:30 - 14:30	Lunch Break
---------------	--------------------

14 :30-15 :00	PL. 8: Prof. El-Houssaine ABLOUH, University of Mohammed VI Polytechnic, Morocco The Potential of Biodegradable Polymers in Developing Slow/Controlled Release Fertilizers Chairs : Fatima EL BAZ, Mourad ARABI, Saloua JEMJAMI
---------------	--

15:00-15:30	PL. 9: Prof. Sophie CERNEAUX, University of Montpellier, France Hydrophobic ceramic capillary membranes applied to desalination and oil removal applications Chairs : Abdallah HADFI, Noureddine BARKA, Rachid ELMOUBARKI
-------------	--

15:30 - 17:00	Oral Session 4
---------------	-----------------------

17:00 - 17:30	Break/Poster Session II/ Stands visit
---------------	--

17:30 - 18:30	Award Ceremony/ Conference Closing
---------------	---

ORAL SESSIONS

Wednesday, November 12, 2025

Session 1

Time (GMT +1): 15:30 - 16:30

Plenary room: S1-T1-Water resources management and wastewater treatment

Chairs : Profs. LAOUINI Elmahjoub, BENAÏSSA Hicham, ELHALIL Alaaeddine

ID	Author and Presentation Title
KN11	Prof. VLACHOGIANNI Thomais , MIO ECSDE - Athens, Greece. <i>Navigating the Plastocene Era: A Comprehensive Approach to Tackling Marine Plastic Pollution</i>
654888	O1- SCHIELE Marko , University Duisburg-Essen, Germany <i>Natural flocculants in drinking water treatment as a competitive alternative to metal salts and polyacrylamide</i>
655324	O2- ZIRAR Fatima-Ezzahra , Ibnou Zohr University, Agadir <i>Investigation of the photocatalytic activity of graphene oxide and phosphorylated graphene oxide-based BaTiO₃ nanocomposites</i>
655621	O3- IDRISSE AMANI Abdou , Université André Salifou de Zinder, Niger <i>Impact of hygiene practices on the bacteriological quality of drinking water in plastic bag water production plants in Zinder</i>
666081	O4- EL KHORCHI Rajae , Mohamed VI Polytechnic University, Benguerir <i>Sulfated nano lignocellulose superabsorbent hydrogel synthesized via chemical functionalization</i>
664665	O5- BAKKALI Karima , Ibn Tofail University, Kenitra <i>Artificial neural networks for predicting nutrient removal and supporting nitrogen and phosphorus recovery in wastewater treatment plants</i>
666381	O6- TAJAT Naoual , Ibnou Zohr University, Agadir <i>Synthesis of eco-friendly CaCO₃@Zn-Al MMO core-shell nanoflowers photocatalyst using bio eggshell waste for improved photocatalytic degradation of RhB under visible light irradiation</i>
665548	O7- SEBBANI Ikram , Moulay Ismail University, Meknes <i>Integrated assessment of gravity dam stability- combining gravitational and geophysical approaches for safety and durability</i>

Room 1: S1-T2- Materials, nanomaterials, and their applications

Chairs - Profs. LABRAG Abdelaziz, CHHIBA Mostafa, SOUDANI Amina

ID	Author and Presentation Title
KN10	DÍEZ SARABIA Aida María , University of Vigo, Spain <i>Environmentally Friendly and Multifunctional Materials Synthesis for Pollutants Abatement and Hydrogen Generation</i>
655447	O8- ADDANIAOUI Kaoutar , Sultan Moulay Slimane University, Béni Mellal <i>Sustainable activated carbon-biopolymer materials- A feasible approach for pollutant removal from water</i>
653464	O9- MBAYE Abdou , Université Assane Seck, Ziguinchor, Sénégal <i>Mineralogical and geotechnical studies of clays from two clay sites in Boké (Guinea Conakry) with a view to their valorization in eco-construction</i>
657152	O10- EL FAKIR Khadija , Chouaib Doukkali University, El Jadida <i>The influence of synthesis methods and experimental conditions on the photocatalytic properties of phosphate-based photocatalysts</i>
672151	O11- EL QDHY Saadia , Ibnou Zohr University, Agadir <i>AB113 dye Removal by CuMgAl-LDH: Adsorption Efficiency, Mechanism, and Regeneration via the "Memory Effect"</i>
665463	O12- EL KHAMMASSI Khawla , University Ibn Tofail, Kenitra <i>Electropolymerized PANI-TiO₂, composite coatings for enhanced corrosion resistance of AA6060 aluminum alloy in saline environments</i>
668723	O13- BALKARD Bouchra , Ibnou Zohr University, Agadir <i>Exploring the corrosion potential of three bio-based furan derivatives on mild steel in aqueous HCl solution</i>
666375	O14- NADIF Iliass , Ibnou Zohr University, Agadir <i>Synthesis of magnetic ternary Fe₃O₄@NiMgAl- LDH decorated polypyrrole for the efficient organic herbicide Dichlorprop-P remediation from polluted water- comprehensive isothermal, kinetic study and DFT calculation</i>

Room 2: S1-T5- Renewable energies and climate change

Chairs : Profs. BOUCHTA Said, NAIT ALLA Abderrahman

ID	Author and Presentation Title
665962	O15- DEMNATI Khadija , Ibnou Zohr University, Agadir <i>Hybrid modeling and data bias a systematic review on climate risk prediction for agriculture in the face of climate change</i>

662464	O16- EZZARAA Khadija , Sultan Moulay Slimane University, Beni Mellal <i>Analysis of mixed convection and surface radiation in an inclined ventilated cavity subjected to lateral heating</i>
664374	O17- LAMHADRI Samya , Hassan II University, Casablanca <i>Geospatial analysis of climate change impacts on shoreline dynamics and Geomorphological change</i>
653999	O18- BOUZELGHA Khawla , Sultan Moulay Slimane University, Beni Mellal <i>Evaluation spatiotemporelle de l'érosion hydrique par approche géospatiale et observations de terrain - cas du bassin versant de l'Oued Lakhdar (Haut Atlas central, Maroc)</i>
662841	O19- BOUMAHDHI Laila , Mohamed VI Polytechnique University, Benguerir <i>Circular economy approach to eco cement production using industriel by-product</i>
666035	O20- BEN MOUMEN Imane , Mohamed V University, Rabat <i>Consumer preferences for frozen bakery and pastry products in morocco- balancing food preservation and sustainability</i>
671717	O21- ZOUBI Abdallah , Sultan Moulay Slimane University, Beni Mellal <i>Comparing diary-based and online survey methods to identify the key drivers of household food loss and waste in Morocco</i>
Room 3: S1-T4- Valorization of natural resources	
Chairs : Profs. MAHJOUBI Fatima Zahra, ESSAHLI Mohamed	
ID	Author and Oral Presentation Title
685001	O22- BOUSSETTA Oumayma , University Mohammed I, Oujda <i>Extraction-Driven Variability in the Bioactive Potential and photochemical profile of Cannabis sativa L. Seeds</i>
655321	O23- EL ASBAHANI Abdelhafed , Ibnou Zohr University, Agadir <i>Etude phytochimique comparative et activité biologique de deux cultivars locaux de menthe du centre ouest du Maroc</i>
685004	O24- ASAFAR Fatima , Cadi Ayyad University, Marrakech <i>A critical review exploring phosphogypsum as a secondary resource of rare earth elements- techniques and recovery challenges</i>
654173	O25- HAMDOUCH Zahira , Ibnou Zohr University, Agadir <i>Assessment of compost quality from olive pomace- physicochemical evolution and phytotoxicity</i>
656877	O26- HANAFI Fatima-Azzahra , Sultan Moulay Sliman University, Beni Mellal <i>Isolation of new bioactive compounds from endophytic fungi of Adenophyllum</i>
664541	O27- MOUSTAPHA MAMAN Mounirou , Abdou Moumouni University, Niamey, Niger <i>Valorization of biodigester digestates to enhance tomato productivity and sustainability in a research station in Niger</i>
666056	O28- OUAADIDY Touria , Ibnou Zohr University, Agadir <i>Eau de mer dessalée - une alternative aux ressources hydriques conventionnelles pour une agriculture résiliente dans un contexte de changement climatique</i>

Wednesday, November 12, 2025		Session 2	Time (GMT +1): 17 :00 – 18 :30
Plenary room: S2-T1- Water resources management and wastewater treatment			
Chairs - Profs. BEN AZZA Said, ELHALIL Alaaeddine, HADFI Abdallah			
ID	Author and Presentation Title		
685007	O29- EL MOUBARKI Rachid , Sultan Moulay Slimane University, Beni Mellal <i>Using Yellow Nightshade as a Green Adsorbent for the Removal of Synthetic Dyes in Wastewater Treatment</i>		
655313	O30- AIT HSSI Abderrahim , Hassan II University, Casablanca <i>Influence of Mg content on tailoring optical properties of ZnO nanorods prepared by electrodeposition method</i>		
665854	O31-MALAM Abdou Moussa , Université André Salifou de Zinder, Niger <i>Evolution des études sur l'eau et de leurs implications sur l'aménagement des ressources en eaux de surface au Niger</i>		
666182	O32- IFAKKOU El Ismaili , University Ibn Tofail, Kenitra <i>La qualité physico-chimique et bactériologique des eaux pluviales "Eau de Ghdir" consommés par la population de Laâyoune (Sud du Maroc)</i>		
664867	O33- CODREANU Ana-Maria Nicoleta , National University of Science and Technology Politehnica, Bucharest, Romania <i>Preliminary studies regarding cross-linking of smart fertilizers with sodium alginate</i>		
662316	O34- IDLAHCEN Abderrahim , Ibnou Zohr University, Agadir <i>Combination of coagulation-flocculation and electrocoagulation processes for the treatment of leachates from Agadir landfill sites</i>		
654545	O35- JAIT Lhoussaine , Moulay Ismail University, Meknes <i>Spatio-temporal dynamics of bacterial contamination in tamalout dam waters</i>		

685013	O36- SBAHI Sofyan , Ibnou Zohr University, Agadir <i>Machine learning-driven optimization of phosphorus removal in nature-based treatment systems.</i>
668158	O37- BOUMYA Wafaa , Sultan Moulay Slimane University of Beni Mellal <i>Electro-Fenton degradation of Auramine O using titanium-based catalysts- An experimental and theoretical study</i>
663601	O38- ASSOUANI Abdallah , Ibnou Zohr University, Agadir <i>Characterization and analysis of groundwater in the study area of the Taroudant region, detection of pollution sources, and removal of nitrate ions using different materials</i>
669316	O39- SENTURK Berkant , Ege University, Institute of Nuclear Sciences, Izmir-TÜRKİYE <i>Green-synthesized mushroom-derived Ce and N-doped carbon quantum dots for sustainable lanthanum removal from water</i>
669330	O40- GUL TAHA Furkan , Ege University, Institute of Nuclear Sciences, Izmir-TÜRKİYE <i>Evaluation of the selectivity performance of ZIF-8 for Uranium removal from aqueous solutions</i>
662939	O41- EL OUALI Oujidane , Mohammed V University, Rabat <i>Nature-based purification of rice drainage water- evaluating the role of native wetlands in sustainable pollutant removal</i>
654980	O42- JANAH Nada , Sultan Moulay Slimane University, Beni Mellal <i>Unlocking green finance for water resilience- the case of hydraulics smes in morocco</i>
672523	O43- TAOUIHRI Safae , University Sidi Mohamed Ben Abdellah, Fez <i>Numerical simulation of the SIR and, Monod models used in biology</i>
665435	O44- HOUMMASS Fahd , Hassan II University, Casablanca <i>TiO₂-doped snail shells as photocatalysts for the degradation of organic pollutants in water</i>
664042	O45- AIT YAHIA Walid , Sultan Moulay Slimane University, Beni Mellal, <i>Survey on work practices and digital transformation in olive oil processing units- the case of Beni Mellal province</i>
653033	O46- BOUSSIF Walid , Sultan Moulay Slimane University, Beni Mellal <i>Assessment of antibiotic use practices in dairy farming a cross-survey of farmers and veterinarians in Beni Mellal region</i>
685037	O47- S. Houmani , Sultan Moulay Slimane University, Beni-Mellal <i>Adsorption Mechanism of Methyl Orange on MgAlCO₃ Layered Double Hydroxide via Computational Modeling</i>
685038	O48- ZAOURI Wafaa , University Sidi Mohamed Ben Abdellah, Fez <i>Preparation and Characterization of Cellulose Nanocrystals for Efficient Cationic Dyes Removal</i>
685039	O49- OSMANE Ahmed , Ibnou Zohr University, Agadir <i>Predicting pathogen indicator removal in municipal wastewater under arid conditions using Multiple Linear Regression</i>
685019	O50- BADDOUH Ali , NT2E, Casablanca <i>Stratégies avancées pour la gestion des problématiques techniques dans les systèmes de dessalement de l'eau</i>
662904	O51- ABOUSSABEK Abdelali , Ibnou Zohr University, Agadir <i>Investigation of thorium adsorption on montmorillonite clay: kinetic, isotherm, and recovery assessment</i>
Room 1: S2-T2- Materials, nanomaterials, and their applications	
Chairs - Profs. EL IBRAHIMI Brahim, AZIAM Rachid	
ID	Author and Presentation Title
654539	O52- ELYAAKOUBY Yassine , Moulay Ismaïl University, Meknes <i>Data-Driven Fouling membrane Prediction for Reverse Osmosis Plants- The Case of Zagora, Morocco</i>
655166	O53- LAGDALI Salek , Ibnou Zohr University, Agadir <i>Low-cost ceramic membranes- manufacturing techniques and water treatment applications</i>
663834	O54- ES SELLAMI Smail , Hassan II University, Casablanca <i>Bacteriological analysis of Oued Oum Er-Rbia water- Evolution and impact on quality and osmosis membrane</i>
666277	O55- ES-SABRY Othmane , Mohamed VI Polytechnic University, Benguerir <i>CFD simulation of baffle-driven improvement in Membrane distillation- The case of Direct-Contact Membrane Distillation configuration</i>
655170	O56- MOUKHLESS Youssef , Ibnou Zohr University, Agadir <i>Study of sodium-ion intercalation and deintercalation into FePO₄ using electrochemical techniques</i>
666065	O57- ABOUHAIJOUB Dikra , Hassan II University, Casablanca <i>Peroovskites in Advanced Oxidation Processes- Focus on Fenton and Fenton-like Catalysis for Wastewater Treatment</i>
665950	O58- ELBAZA Hamza , Mohammed VI Polytechnic University, Benguerir <i>Biopolymers-Functionalized Amorphous Calcium Phosphate- In Situ Synthesis, Mechanical and Biological Properties</i>
685033	O59- BELASRI Abdessamad , Faculty of Sciences, Ibnou Zohr University, Agadir <i>Theoretical structural study of van der Waals complexes between oxazole and atmospheric gases CO₂ and N₂ for capture applications</i>

670799	O60- CHARAFI Samira , Sultan Moulay Slimane University, Beni Mellal <i>Optimization of photocatalytic degradation of amoxicillin by ZnO-TiO₂, heterojunction under UV-Visible irradiation</i>
655985	O61- AASLI Brahim , Ibnou Zohr University, Agadir <i>Synthesis of urea formaldehyde resin@ZnO composite for the removal of Congo red from an aqueous solution</i>
665865	O62- AMRANI Amina , University Mohamed I, Oujda <i>Hybrid alginate-clay systems for efficient adsorption of hydrophobic organic pollutants</i>
653052	O63- IMJJAD Abdallah , Ibnou Zohr University, Agadir <i>Theoretical contribution to the study of mild steel corrosion inhibition by Dopamine derivatives in HCl solution - DFT study and adsorption mechanism</i>
685015	O64- ACHLAH Abdeslam , Ibnou Zohr University, Agadir <i>Adsorptive removal of orange g dye from aqueous solution using Zn-based layered double hydroxide (Zn-LDH)</i>
Room 2: S2-T5- Renewable energies and climate chang	
Chairs - Profs. EL BAZ Fatima, ARABI Mourad	
ID	Author and Presentation Title
665768	O65- CHERAS Ikram , Mohamed VI Polytechnique University, Benguerir <i>Electrodeposition under magnetic field of cobalt hydroxide electrodes for improved oxygen evolution reaction efficiency.</i>
666274	O66- ERRAIHANI Kaoutar , Mohamed VI Polytechnique University, Benguerir <i>Turning waste into resource- phosphate recovery from tailings using desliming, attrition and reverse flotation</i>
685022	O67- Lilian Akpene Diaba , Kwame Nkrumah University of Science and Technology, Kumasi, Ghana <i>Synthesis and characterisation of pure PbO from fire assay waste cupels via leaching using acetic acid</i>
665877	O68- OUBAALI Laila , Ibnou Zohr University, Agadir <i>Assessment of the carbon footprint of urban public lightening in the city of Agadir</i>
653835	O69- MEDAH Mohamed , Sultan Moulay Slimane University, Beni Mellal <i>Apport de Google Earth Engine à l'analyse de la sécheresse à travers les indices NDVI et NDWI - application à la région de Béni Mellal-Khénifra</i>
655581	O70- ABOU-ELFATH Zaina , Ibnou Zohr University, Agadir <i>Numerical study of optimizing energy performance through mixed convection using nanofluids- impact of partial heating, thermal gradient and nanoparticle volume fraction</i>
655323	O71- KOUCHRAD Ikhlass , Sultan Moulay Slimane University, Beni Mellal <i>Bibliometric analysis of climate resilience research- trends, indicators, and conceptual approaches</i>
655555	O72- ZOUKENI Brahim , University of Sultan Moulay Slimane, Béni Mellal <i>Impact of Climate Change on Temperature in the Guir-Ziz-Gheris Basin- a Statistical Perspective</i>
666382	O73- EL ALAMI EL KAMOURI Habiba , Hassan II University, Casablanca <i>Analyzing urban methane and nitrogen dioxide patterns using google earth engine- a satellite-based assessment of traffic data in Casablanca</i>
670330	O74- LOULIDI Ilyasse , Moulay Ismail University, Meknes <i>Understanding the adsorption mechanisms of crystal violet and hexavalent chromium on spent coffee grounds- insights into adsorbent-adsorbate interactions</i>
663443	O75- NAJI Aya , University Sidi Mohamed Ben Abdellah, Fez <i>Scientific Valorization of Moroccan Propolis- A Natural Resource with Therapeutic Potential</i>
668009	O76- EL HAJJAMI Kaoutar , University Mohamed I, Oujda <i>Phytochemical and Antioxidant Analysis of the Essential Oil and Infusion of Ptychotis verticillate</i>
654628	O77- BECHAR Siham , Mohammed V University, Rabat <i>Exploration of phenolic compounds in moroccan olive and almond oils- hplc-uv-ms approach</i>
669147	O78- BOUZAR Zakaria , Sultan Moulay Slimane University, Beni Mellal <i>Extraction and comparative characterization of pectins from four citrus fruits- (Citrus aurantium, Citrus limon, Citrus sinensis, and Citrus paradisi)</i>
664048	O79- BOUZAR Hafsa , Sultan Moulay Slimane University, Beni Mellal <i>Valorization of low-commercial quality dates for natural vinegar production- a sustainable approach to resource preservation</i>
Room 3: S2-T4- Valorization of natural resources	
Chairs - Profs. EL ASBAHANI Abdelhafed, EL AJLAOUI Rahhal	
ID	Author and Oral Presentation Title
685005	O80- MOUJANE Abdelaziz , Sultan Moulay Sliman University, Beni Mellal <i>Impact of climate change on Phoenician juniper (Juniperus phoenicea) mortality and dieback in the High Atlas Mountains of Morocco</i>

655606	O81- EL CADI Asmae , Abdelmalek Essaâdi University, Tangier <i>Characterization of organic lipid fractions in soil from tangier's landfill</i>
685031	O82- ZERBET Ilham , Faculty of Sciences, Ibnou Zohr University, Agadir <i>Characterization and Valorization of Moroccan Vachellia raddiana Gum- Effect on the Postharvest Quality and Shelf-life of Fresh Figs (Ficus carica L.)</i>
685000	O83- AMRANI Nouhaila , University Mohamed I, Oujda <i>Chemical composition and antioxidant properties of piper nigrum seed essential oil- insights from phytochemical and GC/MS analyses</i>
655691	O84- ASSENDAL Hakima , Ibnou Zohr University, Agadir <i>From waste to resource- comprehensive biological, physico-chemical, and morphological characterization of agricultural waste biochars to promote circular economy</i>
655523	O85- SAHIL H'anane , Ibnou Zohr University, Agadir <i>Evaluation of two biochars from agricultural residues- biological, physicochemical, and morphological properties</i>
666037	O86- SGUILLAR Mohamed , Abdelmalek Essaadi University, Tangier <i>A novel biosorbent-based marine macroalgal biomass for efficient removal of TB and BY-28 dyes-contaminated waters</i>
671712	O87- ALLAM Ilham , Université Hassan II, Casablanca <i>Durable bio-based flame-retardant coatings for cotton fabrics using phosphorylated starch and wool powder</i>
666068	O88- KHARIFI Omar , Sultan Moulay Slimane University, Beni Mellal <i>Optimization of coagulation-flocculation efficiency using a bio-flocculant produced from cactus cladodes "Opuntia ficus-indica" for water treatment</i>
666072	O89- AQIL Oumaima , Hassan I University, Settat <i>Turning industrial waste into value- physico-chemical characterization for environmental applications</i>
685035	O90- EL GHANJAOUI Meryem , University Sidi Mohamed Ben Abdellah, Fez <i>Eco-friendly synthesis of copper oxide nanoparticles using Stipa tenacissima L. extract- Optimization and application for textile dyes degradation</i>
685036	O91- M. Elmouftari , Sultan Moulay Slimane University, Beni-Mellal <i>Determination of the adulteration of pomegranate seed oil by FTIR combined with Chemometrics</i>
664305	O92- BOUKARMA Latifa , Ibnou Zohr University, Agadir <i>Adsorption of Thorium Ions from Aqueous Solution Using Macroalgae-Based Sorbents</i>
663842	O93- AZIAM Rachid , Ibnou Zohr University, Agadir <i>Environmentally engineered biopolymer clay composite for phosphate removal: insights from RSM and AI modeling.</i>

Thursday, November 13, 2025

Session 3

Time (GMT +1) : 10 :40 – 12 :30

Plenary room: S3-T1- Water resources management and wastewater treatment

Chairs - Profs. HADFI Abdallah, QOURZAL Samir, ELMOUBARKI Rachid

ID	Author and Presentation Title
660729	O94- BOUBNANE Yousra , Mohamed V University, Rabat <i>Kinetic modelling, thermodynamics and mechanisms of dye adsorption on biochar produced agricultural waste sample</i>
666241	O95- AMMAYEN Imane , Ibnou Zohr University, Agadir <i>Enhancing soil quality and crop productivity through co-composting of agricultural waste and marine by-products</i>
663967	O96- EL -HABACHA Mohamed , Ibnou Zohr University, Agadir <i>Comparative adsorption study of cristal violet on raw, calcined, and base-modified clay under static and dynamic regimes</i>
658192	O97- AGNAOU Hafida , Higher School of Technology, Hassan II University, Casablanca <i>Experimental study on the adsorption capacity of layered double hydroxides for textile dye removal</i>
655174	O98- RAIS Aya , Ibnou Zohr University, Agadir <i>Electrical conductivity and nitrate as indicators of spring water quality in Morocco</i>
664696	O99- ERRAJI Fatima Zahra , Ibnou Zohr University, Agadir <i>Adsorption of methylene blue by by-products from the fish freezing industry</i>
666069	O100- FTOUKI Bouchra , Chouaib Doukkali University, El Jadida <i>Treatment and recovery of industrial effluents containing methylene blue by cryoconcentration</i>
655426	O101- EZZAINE Malika , Ibnou Zohr University, Agadir <i>Chitosan-based biosorbent for the efficient elimination of crystal violet and congo red from aqueous solutions- adsorption characteristics and wastewater treatment application</i>
	O - BARGANI M. , Sultan Moulay Slimane University, Beni Mellal <i>Unveiling the Architecture of a Novel Cathode Material for High-Performance Lithium-Ion Batteries: A Comprehensive Structural Study</i>

Room 1: S3-T2- Materials, nanomaterials, and their applications	
Chairs: Profs. IAICH Soulaïman, AZIAM Rachid	
ID	Author and Presentation Title
658032	O102- EL MCHAOURI Mariam, Sultan Moulay Slimane University, Beni Mellal Synthesis and characterization of TiO ₂ nanomaterials for enhanced photocatalytic activity under UV-visible light
655073	O103- GUEYE Mamadou, Université Cheikh Anta Diop, Dakar, Sénégal Elimination du chrome dans l'eau par des nanocomposites hybrides de ferrite de zinc-magnésium spinelle ancré dans du polypyrrole
669226	O104- EL MEZIANI Salma, Hassan II University, Casablanca Development of chemically activated biomass adsorbents and optimization of adsorption using response surface methodology for sustainable dye removal
654974	O105- IDLAHOUSSEINE Nouredine, Ibnou Zohr University, Agadir Electrochemical and theoretical evaluation of a novel benzodiazepine-based corrosion inhibitor for mild steel in hydrochloric acid
666369	O106- EL HAYAOUI Widad, Ibnou Zohr University, Agadir Efficient degradation of ornidazole via electro-fenton using stainless steel electrode as sources of ferrous ions (Fe ²⁺)- experimental and DFT calculations
666384	O107- RACHID Youssef, Ibnou Zohr University, Agadir Efficient removal of hydroxychloroquine from water using dextrose-functionalized MgZnAl-LDH- adsorption, isotherm, and kinetic investigations
655230	O108- LOIRDIGHI Fadoua, Hassan I University, Settat Desalination systems for seawater and renewable energies
666392	O109- BOUDRIF Imane, Hassan First University, Settat Performance assessment of hybrid renewable-powered desalination systems for brackish water under variable conditions
653327	O110- EZZAHERY Mohamed, Ibnou Zohr University, Agadir Elimination de l'azote ammoniacale dans les eaux usées par le procédé d'infiltration percolation
655521	O111- JMAITO Fatima, Ibnou Zohr University, Agadir Sustainable ceramic membrane technology for toxic metal removal from contaminated water
655470	O112- LASFAR Mohamed, Ibnou Zohr University, Agadir Synthesis and comprehensive characterisation of ceramic microfiltration membranes derived from natural clay for water treatment applications
Room 2:	
S3-T5- Renewable energies and climate change	
S3-T6- Circular economy for sustainable development	
Chairs - Profs. ABOURIDA Btissam, CHAFI Mohammed	
ID	Author and Presentation Title
685021	O113- APPIAH Vincent, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana Lead characterization, mobility studies, and leaching efficiency from fire assay slags in Ghana
666364	O114- FARYAT Sara, Mohammed V University, Rabat Interfacial stability and ion transport in SEI layers between LLZO and Li metal anode for solid-state Li-Ion Batteries-First-Principles Study.
665259	O115- AFARYATE Hamza, Mohammed VI polytechnic University, Benguerir Exploring the synthesis of spinel manganese oxide cathodes for aqueous zinc-ion battery applications
668014	O116- ZELMIMI Nouredine, Université Moulay Ismaïl, Meknes Comparative study of ionic conductivity and dielectric properties of lithium-doped brushite prepared by various wet-chemical methods.
667808	O117- BENCAID Jamal, Mohammed VI Polytechnic University, Benguerir Interfacial engineering of a phosphate-based catalyst promotes alkaline water electrolysis for green hydrogen production
Room 3:	
S3-T4- Valorization of natural resources	
Chairs - Profs. MAMOUNI Rachid, EL BAZ Fatima	
ID	Author and Presentation Title
666368	O118- AZALMAD Hanane, Mohammed V University, Rabat Peripheral antinociceptive activity of adenocarpus baquei- insights from sequential extracts

667799	O119- BAHJA Bouchra , Université Hassan II, Casablanca <i>Enhancing the mechanical potential of treated clays for high-performance alkali-activated binders in green construction</i>
666379	O120- EL HAJI Sana , Mohammed V University of Rabat <i>Arbuscular mycorrhizal fungi as bio-protective agents in olive trees</i>
656415	O121- AIT AMEUR Meryem , Sultan Moulay Slimane University, Beni Mellal <i>Use of a food bio-waste in the biocontrol of the toxic cyanobacterium <i>Microcystis aeruginosa</i> growth</i>
655225	O122- OUA KHSSASE Abdallah , Abdelmalek Essaâdi University <i>Surveillance and health risk of pesticide residues in Morocco</i>
666285	O123- CHAMCHAOUI Abdellatif , National Institute for Agronomic Research, Marrakech <i>Biochar modulates plant physiology and soil properties of olive orchards (<i>Olea europaea</i> L.) under saline conditions</i>
685034	O124- OUBELHAS Ilham , Ibnou Zohr University, Agadir <i>An integrated process for brine and phosphogypsum valorization: Synthesis and characterization of $(\text{NH}_4)_2\text{Mg}(\text{SO}_4)_2 \cdot 6\text{H}_2\text{O}$ fertilizer</i>
666370	O125- MEHDAOUI Khadija , Ibnou Zohr University, Agadir <i>Enhancing electrical energy quality in distribution networks- a review on pwm controlled rectifiers</i>

Thursday November 13, 2025		Session 4	Time (GMT +1) : 15 :30 – 17 :00
Plenary room: S4-T1-Water resources management and wastewater treatment			
Chairs - Profs. BELMOUDEN Mustapha, AIT SAID Hamid, AZIAM Rachid			
ID	Author and Presentation Title		
655205	O126- KHOUYA Lahcen, Sidi Mohammed Ben Abdellah University, Fez Study of water hardness and comparison with bottled water- the case of the Draa-Tafilalet region		
653541	O127- SAKINI Salma, Hassan I University, Settat Recovery of post-consumer industrial waste for the sustainable disposal of industrial Wastewater Treatment		
667997	O128- RYAS Taoufyq, Chouaib Doukkali University, El Jadida Optimization of olive mill wastewater treatment and valorization by cryoconcentration and refrigerated centrifugation using response surface methodology		
655268	O129- LAMINE Rachid, Ibnou Zohr University, Agadir The inhibition of precipitation of calcium carbonate scale by a plant extract as a green inhibitor		
667853	O130- SAOUAB Hassan, Chouaib Doukkali University, El Jadida Valorization by cryoconcentration of wastewater generated by the hydrodistillation of aromatic plant		
658548	O131- MAHMOUDY Guellaa, Ibnou Zohr University, Agadir Nitrate removal by a biomaterial derived from <i>Carpobrotus edulis</i> - towards an ecological and efficient solution for wastewater treatment		
685027	O132- TADOUMANT Sokaina, Ibnou Zohr University, Agadir Inclusive evaluation of pilot rural sanitation project- human rights and gender perspective		
685010	O133- SLIMANI Nouredine, Ibnou Zohr University, Agadir Comprehensive analysis of trace metal contamination in Agadir Bay sediments- Assessment of environmental impact and pollution sources		
655601	O134- MACHROUHI Aicha, Moulay Ismail University, Errachidia A combined molecular dynamic simulation, DFT calculations, and experimental study of methyl orange and methylene blue adsorption onto activated carbon in aqueous solutions		
666349	O135- IBERACHE Nouredine, Ibnou Zohr University, Agadir Photo assisted Heterogeneous Electro-Fenton for Imidacloprid Mineralization from Wastewater using MnFe2O4/g-C3N4 Catalyst: Mechanism pathway, RSMCCD optimization, DFT calculation, Toxicity test		
Room 1: S4-T2- Materials, nanomaterials, and their applications			
Chairs - Profs. OUSAA Abdellah, JMIAI Aaziz, HAIDA Souad			
ID	Author and Presentation Title		
664810	O135- MAMANE SOULEY Abdoul Aziz, National Polytechnic Institute, Félix Houphouët B, Cote d'Ivoire. Characterization of Bana Kaolin as zeolite-sodalite precursor		
666017	O136- ZIOUANI Hafida, Moulay Ismail University, Meknes Thermoelectric Properties of the Layered Hybrid Perovskite [NH3(CH2)4NH3]CuCl4		
663721	O137- EL MOURAILLE Nadia, Ibnou Zohr University, Agadir Photocatalytic degradation of basic dye over TiO2-CuFe2O4 under visible light irradiation.		

655648	O138- KARFAOUI Soukaina , Ibnou Zohr University, Agadir <i>Sustainable Building Materials- Development and Testing of Stabilized Compressed Earth Bricks</i>
662540	O139- TALEBI Jamal , Ibnou Zohr University, Agadir <i>Polypyrrole magnetic functionalized oxide-graphene (FOPYGO) nanocomposite for effective dye pollutant removal from aqueous effluents</i>
685023	O140- SKOURI Houda , Chouaib Doukkali University, El Jadida <i>Synthesis of Zeolitic Catalysts from Industrial Waste and Doping with Plasmonic Metals- Application in Catalytic Oxidation of Volatile Organic Compounds (VOCs) Case of Ethanol</i>
663718	O141- NOUAA Safa , Ibnou Zohr University, Agadir <i>Advanced nanocomposites across disciplines- LDH Alginate platforms for nutrient pollutant up-take and enzyme-assisted dye degradation</i>
659545	O142- CHDICH Fatima Ezzahra , Sultan Moulay Slimane University, Beni Mellal <i>Synthesis and evaluation of zn fe based ldh-derived catalysts for the photocatalytic degradation of salicylic acid- synthesis, photocatalytic degradation study, effects of substituted metals, recyclability, and quenching study</i>
666373	O143- EL MOUHRI Wail , Ibnou Zohr University, Agadir <i>Mechanochemical Synthesis and Characterization of AgI BiOI/g-C3N4 Heterojunction with Enhanced Photocatalytic Performance for Rhodamine B Degradation</i>

Room 2: S4-T5- Renewable energies and climate change

Chairs - Profs. JEMJAMI Saloua, BAMMOU Lahcen

ID	Author and Presentation Title
650943	O144- KHONTÉ Abdourahmane , Diop University, Bambey, Senegal <i>Automated environmental monitoring of fluoroquinolone residues in urban surface water using fluorescence spectroscopy.</i>
666067	O145- HAMRAOUI Asmae , Mohamed VI Polytechnic University, Benguerir <i>CO₃O₄/COFe₂O₄ composites as high-performance bifunctional electrocatalysts for Zinc–Air batteries</i>
655632	O146- HAIDAR Nassur Said Ali , University Hassan II, Casablanca <i>Integrated assessment of the ecological quality of the Bouskoura and Merzeg wadis (Morocco)- combined contribution of diatom and physicochemical indices</i>
666312	O147- CHAOUI Khaoula , Mohammed V University, Rabat <i>Interface Engineering to Prevent Dendrite Growth in Sulfide-Based Na-Ion Batteries</i>
666386	O148- EN-NARHMOUCHY Imane , Mohammed VI Polytechnic University Ben Guerir <i>Development Of Low-Cost Ni Mo Electrocatalysts on Modified Stainless Steel for Alkaline Water Electrolysis</i>
663992	O149- CHERAS Ikram , Mohamed VI Polytechnique University, Benguerir <i>Electrodeposition under magnetic field of Cobalt Hydroxide Electrodes for Improved Oxygen Evolution Reaction Efficiency</i>

Room 3: S4-T4- Valorization of natural resources

Chairs : Profs. EL AJLAOUI Rahhal, EL AROUSSI Fatima, MAHJOUBI Fatima Zahra

ID	Author and Presentation Title
664379	O150- SANDA MAMANE Ousmaila , University of Agadez, Niger <i>Mineralogical, structural and physicochemical characterization of a green clay from Tanout Quarry in Zinder region (Niger), used in the brickyard</i>
657125	O151- ELMARDI Mustapha , Sultan Moulay Slimane University, Beni Mellal <i>Évaluation in silico du potentiel médicamenteux des composés majeurs d'Ononis natrix L. contre NS5B du virus de l'hépatite C</i>
664408	O152- BNIKKOU Samira , Ibnou Zohr University, Agadir <i>Comparative effects of persistent drought and irrigation water supply on the fatty acid composition of Argan oil [Argania spinosa (L.) Skeels]</i>
669232	O153- EL-ASRI Abdallah , Ibnou Zohr University, Agadir <i>Natal plum leaf extract as a green corrosion inhibitor for brass in nitric acid- experimental insights and multiscale computational modeling</i>
655415	O154- KANOUI Nidale , Ibnou Zohr University, Agadir <i>Inhibition of calcium carbonate precipitation by green inhibitor extracts in hard water: A green approach to scale control</i>
655164	O155- MOUKADIRI Houda , Mohamed VI Polytechnique University, Benguerir <i>Vancomycin-Loaded Calcium Phosphate Composites for Local Treatment of Bone Infection: Adsorption, Release Kinetics, and Antibacterial Performance</i>

		POSTER SESSIONS			
Wednesday November 12, 2025		Session I		Time (GMT+1) – 10 :50-11 :15/16 :00-16 :30	
Screen 1: T1-Water resources management and wastewater treatment					
ID	Author and Presentation Title				
685026	P1- TADOUMANT Sokaina, Ibnou Zohr University, Agadir Hydrochemical characterization and assessment of groundwater quality in the lower Draa basin,				
655161	P2- LAGDALI Salek, Ibnou Zohr University, Agadir Preparation of low-cost ceramic microfiltration membrane based on natural clay for wastewater treatment				
666380	P3- NADIF Iliass, Ibnou Zohr University, Agadir Synergistic design of a novel perovskite based LDH@g-C3N4/polyaniline composite for efficient Cr(VI) removal from contaminated water				
671899	P4- AL-BOUFARISSI Hamza, Ibnou Zohr University, Agadir Highly Electroactive Ce-ZnO@rGO Nanocomposite as an Ultra-Sensitive Electrochemical Platform for Carbamazepine Detection				
685020	P5- BADDOUH Ali, NT2E, Casablanca Étude de Cas sur les Problèmes Opérationnels et Techniques dans une Station d'Osmose Inverse				
659780	P6- ASSOUANI Abdallah, Ibnou Zohr University, Agadir Nitrate, sulfate and phosphate contamination in water and possible remedial measures				
Screen 2 : T2 Materials, nanomaterials, and their applications					
685008	P7- MOUMOUNI WAGE Abdoul Razak, Université André Salifou, Zinder, Niger Inhibition of corrosion Inhibition of corrosion of stainless steel by Thym and Artemisia extracted oils in 1M hydrochloric acid medium				
685018	P8- GUETBACH Mounia, Mohamed VI Polytechnic University, Benguerir Development and optimization of polymer/salt composite materials for efficient sorption-based atmospheric water harvesting				
663719	P9- ZAGHLOUL Ahmed, Ibn Zohr University, Agadir Etude de l'adsorption des colorants acides en régime statique par des argiles synthétiques				
655279	P10- EL MOUDEN Abdelaziz, Ibnou Zohr University, Agadir Sustainable Dye Removal from Water Using Silver Oxide-Modified Natural Clay Adsorbent				
670395	P11- DABAGH Abdelkader, Ibnou Zohr University, Agadir Eco-Friendly Nanocomposites for cationic/anionic dyes Adsorption in Wastewater				
664676	P12- BOUALAM Firdaous, Mohamed VI Polytechnic University, Benguerir Shaping the Future of Safe and Efficient Energy- Aqueous Zinc-Ion Batteries				
655030	P13- IDLAHOUSSEINE Nouredine, Ibnou Zohr University, Agadir Evaluation of an imidazopyridine-based compound as an effective corrosion inhibitor for mild steel in 1.0 M HC- a combined experimental and theoretical study				
Screen 3: T4- Valorization of natural resources					
663992	P14- YASSINE Brahim, Hassan II University, Casablanca Évaluation de l'efficience symbiotique des souches indigènes de Rhizobium isolées de la région de Gharb (Maroc) sur la croissance et la fixation biologique de l'azote chez le haricot (Phaseolus vulgaris L.)				
670653	P15- MELLAOUI Moulay Driss, Ibnou Zohr University, Agadir In silico Study of the Reactivity of Butadiene Derivatives- From DFT Modeling to Potential Applications				
657106	P16- AHNINE Mohammad, Ibnou Zohr University, Agadir Préparation de dérivés bioactifs à partir de dérivés du thymol				
654861	P17- MAHMOUDY Guellaa, Ibnou Zohr University, Agadir Hybrid Taguchi-RSM optimization of nitrate removal using chemically modified biomass: Mechanistic insights, cost evaluation, and industrial wastewater applications				
664522	P- SKAOU Ayyoub, Cadi Ayyad University, Marrakech Solitary Bees as Almond Pollinators- Exploring Species Diversity, Abundance, and Pollen Affinity				
685024	P- SKOURI Houda, Chouaib Doukkali University, Faculty of Science, El Jadida Synthesis of Zeolitic Catalysts from Industrial Waste and Doping with Plasmonic Metals: Application in the Photocatalytic Oxidation of Organic Pollutants				

Thursday November 13, 2025		Session II	Time (GMT+1) - 10 :10-10 :40/17 :00-17 :30
Screen 1: T1-Water resources management and wastewater treatment			
ID	Title and authors		
656472	P18- AASLI Brahim, Ibnou Zohr University, Agadir A comparative adsorption study of Congo red dye on two composites based on formaldehyde-urea resin		
655141	P19- LAMINE Rachid, Ibnou Zohr University, Agadir Valorization of Plant Extract as an Efficient, Environmental, and Economical Inhibitor of CaCO ₃ Scaling- Experimental Investigation		
666178	P20 - FTOUKI Bouchra, Chouaib Doukkali University, El Jadida Treatment of Industrial Effluents by Block Cryoconcentration- Application to Bisphenol-A		
669235	P21- TALEBI Jamal, Ibnou Zohr University, Agadir Magnetic Polypyrrole–Functionalized Oxide–Graphene (FOPYGO) Adsorbent for the Elimination of Cationic Dyes from Wastewater		
655368	P22- ACHLAH Abdeslam, Ibnou Zohr University, Agadir High-performance nanoparticle-integrated layered double hydroxide photocatalysts- engineering visible-light-responsive systems for the enhanced degradation of organic environmental pollutants		
655427	P- BESBOU Oualid, Mohammed V University, Rabat Optimizing wastewater treatment plant (WWTP) performance through modeling- a comprehensive review of activated sludge models (ASMs)		
666391	P- Rachid Youssef, Ibnou Zohr University, Agadir Combined Experimental and Theoretical Study of Dextrose-Coated MgZnAl-LDH for Aqueous Hydroxychloroquine Removal		
Screen 2: T2 Materials, nanomaterials, and their applications			
658494	P23- LAHBIB Abbas, Moulay Ismail University, Meknes Elaboration and characterization of phosphate alkaline tungsten glasses		
685032	P24- JMAITO Fatima, Ibnou Zohr University, Agadir Modification of a Ceramic Composite Membrane for Enhanced Water Treatment		
672204	P25- EL QDHY Saadia, Ibnou Zohr University, Agadir Exploiting RSM and ANN modeling methods to optimize BET and MO1 dyes removal using CuMgAl-LDH		
685014	P26- ABOUSSABEK Abdelali, Ibnou Zohr University, Agadir Modeling and Mechanistic Study of Th ⁴⁺ Adsorption on Montmorillonite Clay		
685017	P27- BENHITI Ridouan, Ibnou Zohr University, Agadir Engineering confinements of small Au nanoparticles in Zn-Based layered double hydroxides for advancing plasmonic catalysis		
685040	P28- EL Aicha, University Mohammed VI Polytechnic, Benguerir Polymers synthesis and characterization: IPN-based ion solvation membrane for hydrogen production		
666390	P-El MOUHRI Wail, Ibnou Zohr University, Agadir Synthesis, characterization, and adsorptive performance of CoAl –LDH for fuchsin basic dye removal		
Screen 3: T4- Valorization of natural resources			
685025	P29- BOUKARMA Latifa, Ibnou Zohr University, Agadir Response surface methodology and artificial neural network optimization of La ³⁺ removal from aqueous solution using macroalgal biomass and desorption assessment		
666385	P30- EL HAJI Sana, Mohammed V University, Rabat Arbuscular Mycorrhizal Fungi as Bio-Protective Agents in Olive Trees		
656348	P31- NOUAA Safa, Ibnou Zohr University, Agadir Turning waste into worth- kinetic and thermodynamic insights into AB113 dye adsorption using dried tea waste		
664378	P32- SANDA MAMANE Ousmaila, University of Agadez, Niger Caractérisation physico-chimique des Charbons Actifs Elaborés (CAEs) À partir de Biomasses ligno-cellulosiques locales (Niger)		
664693	P33- BEN KACEM Abdelfattah, Université Sidi Mohamed Ben Abdellah - Fès Réhabilitation et valorisation des zones ensablées dans la palmeraie de Jorf à Tafilalet		
685028	P34- ADMIRI Ilham, Mohamed VI Polytechnique University, Benguerir Development of Scalable bio-sourced Anion Exchange membrane for alkaline water electrolyze using a paper making inspired process and functional coating		
655036	P35- BDAA Maroine, Mohamed V University, Rabat Valorization of aromatic and medicinal plants- the case of essential oils		
665354	P- BRIOUAL Bilal, Mohamed VI Polytechnique University, Benguerir Seawater electrolysis- developments, challenges, and future directions		

Scan me

