

## Oral Presentation Session

**Day 1 – Tuesday, November 18, 2025**

### Salle 1

Session Chair		Zokrami Fouzia & Madani Ahmed			
P.O. T1-01	MOUMENI Ouahiba	First insights into the corrosion inhibition efficiency of organophosphorus compounds: An Electrochemical and surface Study	T1	16:15 – 16:30	
P.O. T1-02	Aroui lynda	Comparative degradation of Bromocresol Green by UV photolysis and advanced oxidation processes in aqueous medium	T1	16:30 – 16:45	
P.O. T1-03	Samira Kérouani	Efficacité des Pro-oxydant dans l'Accélération de la dégradation abiotique et biotique du PP	T1	16:45 – 17:00	
P.O. T2-01	Abdelrahman Ali H. Ali	Evaluating the efficacy of modified agricultural waste materials for copper ion adsorption from aqueous solutions: A comparative analysis	T2	17:00 – 17:15	
P.O. T2-02	Selma RABHI	Lead-free perovskite for the next generation of solar cells revealed by DFT and SCAPS-1D	T2	17:15 – 17:30	
P.O. T2-03	Souhir Elhassasna	In Silico Evaluation of the Antipyretic Potential of Mentha pulegium Compounds Targeting COX-2	T2	17:30 – 17:45	

### Salle 2

Session Chair		Hemici Melia & Bouras Karima			
P.O. T2-04	Benhamdi Ghania	Plasma-Assisted Generation and Zeolite A-Based Delivery of Nitric Oxide for Biomedical Application	T2	16:15 – 16:30	
P.O. T2-05	BENKRIFA Fatima Zohra	EFFICIENT DEGRADATION OF ANTHRAQUINONE DYES BY COBALT-DOPED MAGNESIUM NANO-FERRITE IN PLASMA-ACTIVATED WATER AND UV PHOTOCATALYSIS”	T2	16:30 – 16:45	
P.O. T2-06	BENKRIFA Fatima Zohra	Efficient Hydrogen Production Using Functionalized Mg–Co Spinel Nanoferrites	T2	16:45 – 17:00	
P.O. T2-07	El hassasna Souhir	In Silico Evaluation of the Antipyretic Potential of Mentha pulegium Compounds Targeting COX-2	T2	17:00 – 17:15	
P.O. T2-08	Hichem Benkhaled	Influence of pH on the Structural, Optical and Photocatalytic Properties of ZnFe <sub>2</sub> O <sub>4</sub> Nanoparticles	T2	17:15 – 17:30	

P.O. T2-09	Hocine MOUSSOUNI	Obtaining a hybrid electrode based on imidazonium ion- terminated and metallic nano-clusters for Hydrogen Evolution Reaction (HER)	T2	17:30 – 17:45
------------	------------------	--	----	---------------

### Salle 3

Session Chair		Sana Oulmi & Oubed Riadh		
P.O. T2-10	Melia Hamici	Influence of Annealing Temperature on the Structural and Photocatalytic Properties of Fe <sub>2</sub> O <sub>3</sub> Prepared by the Citric Route	T2	16:15 – 16:30
P.O. T4-01	Foudi Samira	Elaboration et caractérisation d'un oxyde mixte type Ruddelsden Popper Sr <sub>2</sub> FeO <sub>4</sub> pour la degradation de bleu de methylene	T4	16:30 – 16:45
P.O. T4-02	SEBIHI NASSIMA	Elastic properties of ternary silicides ScTSi (T = Cu, Ru, Co, Ni) and of the equiatomic intermetallic compounds YTX (T = Ir, Ni and X = Ge, Si).	T4	16:45 – 17:00
P.O. T4-03	Ali Beskri	Corrosion Behavior and Mechanical Properties of Diamond-Like Carbon-Coated Magnesium Alloys	T4	17:00 – 17:15
P.O. T4-04	Assas Taqiyeddine	Numerical Investigation of FGM Circular Plates Using a Strain-Based Element	T4	17:15 – 17:30
P.O. T4-05	Azzedine MELOUKI	Hybrid clay/polymer materials. Hydrophobicity and thermal stability	T4	17:30 – 17:45

### Salle 4

Session Chair		Chala Djazia & Aidi Amel		
P.O. T4-06	Chaouki SIOUANI	Enhancing the structure, stability, electronic and magnetic properties of arsenic nanomaterials through transition metal doping	T4	16:15 – 16:30
P.O. T4-07	Messai Ridha	Influence of Precursor Concentration on the Morphological Properties and Photocatalytic Activity of ZnO Nanoparticles Synthesized by Cold Plasma	T4	16:30 – 16:45
P.O. T4-08	NASRALLAH Hadjer	DFT-Based Analysis of the Structural, Mechanical and Thermodynamic Behavior of the Zintl-Type Compound K <sub>2</sub> BaCdSb <sub>2</sub>	T4	16:45 – 17:00
P.O. T4-09	Salima HAMADOUCHE	Theoretical Design and DFT Evaluation of D-Glucosamine–Oxyresveratrol–Essential Amino Acid Grafted Molecules for Enhanced Antioxidant Activity	T4	17:00 – 17:15
P.O. T4-10	Takoua Remal	Structural , Microstructural and electrical Properties of La <sub>0.4</sub> Gd <sub>0.1</sub> Ca <sub>0.5</sub> MnO <sub>3</sub> Compound	T4	17:15 – 17:30

# Poster Presentation Session

Day 1 – Tuesday, November 18, 2025 10:30 – 11:15

Session Chairs	Benramdhan Razika & Aidi Amel & Djettoui Zohra & Benghamouche Zineddine & Keikoun Rachida & Bounjar Nourelhouda		
P.P T1-001	Abdelbasset RECHERACHE	Contribution to the inhibition of corrosion of XC70 mild steel in 1M HCl medium by a Schiff base	T1
P.P T1-002	Abdelghani MADANI	Experimental Investigation and Theoretical Modeling of N, N' bis (1, 2 biphenyl ethanone) benzidine novel Schiff base as Anticorrosive for Mild Steel in acid media	T1
P.P T1-003	Adaika kaltoum	Impact of plant additives on the properties of construction materials	T1
P.P T1-004	Adimi Leila Zade	Etude de l'activité microbiologique d'une plante médicinale : L'origan (Origanum vulgare)	T1
P.P T1-005	ADJOU Ouiza	Influence of Zn Substitution on the Structural and Optical Properties of Mixed Oxides for Environmental Photocatalysis	T1
P.P T1-006	ADJOU Ouiza	Optimized ZnO–Based Mixed Oxide Photocatalysts for Efficient Visible-Light Degradation of Organic Contaminants	T1
P.P T1-007	Afaf Bouchoucha	Synthesis, spectroscopic characterization, pharmacological study and molecular docking of zinc complexes with hydroquinone and metformin	T1
P.P T1-008	Aggoun Nassima	Efficient Numerical Solution of the Population Balance Equation Using a Barycentric Spectral Approach	T1
P.P T1-009	Asma MERICHE	Heterogeneous Fenton and photo-Fenton-like degradation of Methyl Orange	T1
P.P T1-010	Asma Oulad slimane	Sustainable Regeneration of Spent Activated Carbon via Solvent Extraction	T1
P.P T1-011	Assia Saoudel	Preparation of Sr and Ce doped Apatite-Type Lanthanum Silicate Electrolyte and analysis of the conductivity mechanism	T1
P.P T1-012	Attoui warda	Enhanced Properties of Hybrid Elastomeric Composites via Double-Treated Plant Fiber Reinforcement	T1
P.P T1-013	BAIR Khawla	Synthesis and Characterization of Lamellar Double Hydroxides Based On Lithium Salts	T1
P.P T1-014	BELKHIRI Farida	Total Polyphenol Content, Antioxidant, Antibacterial and Antifungal Properties of the Hydroalcoholic Extract of Oregano from Djebel Babor, Setif, Algeria	T1
P.P T1-015	BELKHIRI Farida	Screening of Polyphenols content, the Antioxidant and antimicrobial activities of Origanum glandulosum from Djbel Babour, Setif, Algeria	T1
P.P T1-016	Benhamdi Ghania	Effect of Sulfamic Acid on Reactive Nitrogen Species During Gliding Arc Discharge Treatment of Acid Green 25	T1
P.P T1-017	Benmohad Khouloud Feryal	Review on the Role of Antioxidants in Recycled Polypropylene Stability	T1

P.P T1-018	BENNAIDJA Yasmina	tudy of L-Phenylalanine Adsorption by the Anionic Clay Ni-Al-CO <sub>3</sub>	T1
P.P T1-019	BENOUATAS Assia	“Structural and Molecular Docking Study of Pentachlorotoluene as a Potential SARS-CoV-2 Mpro Inhibitor”	T1
P.P T1-020	Benyahia Azzedine	Effect of Alkali Treatment on the Physicochemical and Mechanical Properties of Palm Fibers for Sustainable Polymer Composites	T1
P.P T1-021	BOUBATRA Mustapha	Advanced Electro-Oxidation of Olive Mill Wastewater Using DSA Anodes: Operational Parameters Optimization	T1
P.P T1-022	BOUBATRA Mustapha	Metallic and semiconductor nanoparticles for innovative treatment of polluted waters	T1
P.P T1-023	Bouchhit chaima	Eco-Friendly Corrosion Protection of X2CrNiMo17-12-2 Welded Joints Using Plant Extracts	T1
P.P T1-024	Boudjemaa Aissa	LA PRODUCTION D'UN SUPER ABSORBANT COMME RÉSERVOIRE D'EAU POUR DES APPLICATIONS AGRICOLES	T1
P.P T1-025	Bouneb Nardjess	Formulation and quality control of vitamin C 250 mg	T1
P.P T1-026	BRIKI Lyamine	Improvement of the hydromechanical characteristics of concrete intended for hydraulic structures	T1
P.P T1-027	Briki Lyamine	Integration of local materials and residual waste for use in oil well cementing	T1
P.P T1-028	Charif guissa	LC–MS/MS Profiling and Evaluation of the Biological Activity of Teucrium polium Extract	T1
P.P T1-029	CHERIFI Souad	Copper Chloride Cross-linked Alginate Beads as Encapsulants for Clay Marl in the Removal of an Antibiotic from Water	T1
P.P T1-030	CHERIFI Souad	Valorization of a Local Clay Marl: Preparation, Characterization and Application for the Removal of Pharmaceutical Pollutant	T1
P.P T1-031	Damiche Rebiha	Evaluation of the Biological Activities of Newly Synthesized Phosphonate Derivatives	T1
P.P T1-032	Deghfel Nadir	Alkali Treatment Influence on Crystallinity and Mechanical Properties of Djelfa Esparto Fiber-Reinforced Polyester Composites	T1
P.P T1-033	Deghfel Nadir	Assessment and Characterization of Indigenous Mineral Materials: Three Local Clays from M'sila Region, Algeria	T1
P.P T1-034	Djezzar Zohra	Production des charbons actifs à partir d'algues vertes: Caractérisation et performance d'adsorption du Cu <sup>2+</sup>	T1
P.P T1-035	Djihane Zine	Synthesis and evaluation of the antioxidant activity of novel heterocyclic compounds	T1
P.P T1-036	Dounia AITOUICHE	Development of (ZBS) Composites with Improved Photocatalytic Activity for Aqueous Dye Degradation”	T1
P.P T1-037	Drardja Yamina	Development of PLA/PHBv Blend Filaments with Enhanced Processability and Mechanical Performance	T1
P.P T1-038	Dyhia Belkhamza	Comparative study of the Cr(VI) recovery using CTA and PVC polymer inclusion membranes functionalized with specific ionic liquid TOMAS	T1
P.P T1-039	Elkolli mouna	One-Pot Synthesis of Novel organophosphorus compounds with Potential Antidiabetic Activity	T1
P.P T1-040	FARSI Chouki	Optimization of alkali treatment for stipa tenacissima fibers in polyester based composite	T1
P.P T1-041	Farsi Chouki	Technological and Energy Approach to Improve Flotation of Polymetallic LeadZinc Ores	T1

P.P T1-042	Gaidi Fayçal	Dysfonctionnement De L'unité De Traitement Des Effluents (Etp) Au Niveau La Raffinerie D'alger (Ra1/G)	T1
P.P T1-043	Ghedjati Samira	Acute anti-inflammatory study using Carrageenan- induced paw edema test of ethanolic extract of Sanguisorba minor L	T1
P.P T1-044	Hadi Fairouz	Intelligence Artificielle pour l'imagerie médicale : une approche par CNN pour la classification des radiographies thoraciques liées à la COVID-19	T1
P.P T1-045	hadjer didouh	Green Surface Coatings and Corrosion Inhibition Strategies for Sustainable Industrial Metals	T1
P.P T1-046	Hadjer Merazka	New Copper complex: Synthesis, characterization, DFT and ADMET analysis	T1
P.P T1-047	Hanane SELIM	Caractérisation des profils phénoliques de l'extrait de Punica granatum par HPLC	T1
P.P T1-048	Hanane SELIM	Exploration du rôle protecteur d'extrait de grenade dans la toxicité induite par les nanoparticules de l'oxyde de nickel	T1
P.P T1-049	Hocine grabi	Biocoagulant-floculant for treating polluted water	T1
P.P T1-050	HOCINE Salima	Hydrogel composite intelligent HEC-g-poly(AA-co-AMPS)/ZnO : un système réversible de gonflement/dégonflement contrôlé par le pH	T1
P.P T1-051	Houssem Eddine El Yamine SAKHRAOUI	Comprehensive Investigation into the Diverse Structural, Optical, Electrical, and Morphological Characteristics of Molybdenum- Doped Zinc Oxide Thin Films Synthesized via the Spray Pyrolysis Technique	T1
P.P T1-052	Houssem Eddine El Yamine SAKHRAOUI	Systematic Elucidation of N-vinyl substitution on carbazole derivatives: Experimental Characterization and Computational Modeling for High Performance Supercapacitor	T1
P.P T1-053	Ibtissem BOUSNOUBRA	VALORIZATION OF BENTONITE AS A NATURAL ADSORBENT FOR THE TREATMENT OF COLORED WASTEWATER	T1
P.P T1-054	Ikram BOUCEKINE	L'évaluation complète des dépôts Zn–Ni sous les angles structuraux, morphologique, électrochimique et de la durabilité face à la corrosion	T1
P.P T1-055	KACEL Tawous	Investigation of the structural and magnetic properties of nanostructured NiAlCrCo powders	T1
P.P T1-056	Katib hamlaoui	Study of the effect of the 3D printing parameters on of the photo-polymerization	T1
P.P T1-057	Khadidja Hamida	Semiconductor-Based Activated Carbon Materials for Efficient Photocatalytic Degradation of Dye	T1
P.P T1-058	Khaled Mansouri		T1
P.P T1-059	<b>Khawla BOUDEBBOUS</b>	Synthesis of Dihydrothiophene Ureidoformamides through a domino ring-opening/recyclization reaction of 1,3-thiazolidinedione	T1
P.P T1-060	khouloud feryal BENMOHAD	Review on the Role of Antioxidants in Recycled Polypropylene Stability	T1
P.P T1-061	Laila Lamia Allouche	Characterization, Inhibition Application of 1,2-bis (2-bromobenzylidene)hydrazine	T1
P.P T1-062	Laila Lamia Allouche	Hydroxyl vs Bromo substituents Effect in a Schiff base compound for Corrosion Application in acidic solution	T1
P.P T1-063	Lamria.Seid	Effect of Corrosion Inhibitors for copper - nickel alloy in a 3.5% NaCl solution	T1
P.P T1-064	Lamria.Seid	Elaboration and characterization of new composite material of Polyamide11 /Polyperrole/Cobalt powder prepared by chemical oxidative polymerization	T1

P.P T1-065	Latoui Mourad	se of a New Organic–Inorganic Hybrid Ionic Material as a Corrosion Inhibitor for XC48 Carbon Steel in 1M HCl Solution	T1
P.P T1-066	Lebbouz Siham	Synthesis and application of Schiff base ligands for heavy metal extraction from aqueous environments	T1
P.P T1-067	Ledia Mersel	Removal of Salicylic Acid from Aqueous Solutions Using cetyltrimethylammonium bromide - Modified Clay (CTAB-Clay)	T1
P.P T1-068	Loubna Amraoui	Tank bottom sludge and characterization of post-extraction residues	T1
P.P T1-069	Loubna Amraoui	Optimization of solvent volume for enhanced oil extraction from storage tank bottom sludge and characterization of post- extraction residues	T1
P.P T1-070	Maroua Zebar	Development of a Rapid HPLC Method for the Determination of Paracetamol and Caffeine in Pharmaceutical Forms	T1
P.P T1-071	Melouki Azzedine	Controlled Intercalation and Functionalization of Algerian Montmorillonite by Silane Grafting and Surfactant Modification	T1
P.P T1-072	Mohamed Amine Bourouai	Design, Characterization, and In Vivo Evaluation of a Silver(I) Complex-Based Topical Cream for Wound Healing	T1
P.P T1-073	Mouna ELKOLLI	One-Pot Synthesis of Novel organophosphorus compounds with Potential Antidiabetic Activity	T1
P.P T1-074	Mounia Kerkatou	New Copper Coordination Complexes with an Imidazole-Based Ligand: Synthesis and Crystal Structures	T1
P.P T1-075	Mouzali Saida	Effect of Temperature on the Corrosion Inhibition Performance of a synthesized Schiff Base for Mild Steel in 0.5 M H <sub>2</sub> SO <sub>4</sub> Solution	T1
P.P T1-076	Nacira Mechri	Novel molecule 1,3-di(4-bromophényl)-5-tert-butyl-1,3,5- triazinane and gold nanoparticle-based electrochemical sensor for the detection of Ascorbic Acid	T1
P.P T1-077	Nadia Chahmana	Influence of Bismuth and STPP as Electrolytic Additives on the Physical and Electrochemical Behavior of the Positive Plate in Lead–Acid Batteries	T1
P.P T1-078	Nadia Mekkas	Hydrothermal Synthesis and Structural Characterization of Magadiite for Catalytic and Adsorptive Applications	T1
P.P T1-079	Nadia Mekkas	Zeolite H-ZSM-5: Hydrothermal Preparation and Application as an Efficient Catalyst for N-Formylation of Amines	T1
P.P T1-080	Nafila Zouaghi	co-Friendly Air Disinfection Strategy Based on Monoterpene and Sesquiterpene Constituents of Lavandula angustifolia Essential Oil: Experimental and In Silico Evaluation of Antibacterial, Antifungal, and Environmental Safety	T1
P.P T1-081	Najoua Barhoumi	Sustainable approach: using agricultural waste to reinforce biodegradable polymers in the circular economy	T1
P.P T1-082	Namoussa Tedjani Yahia	Green Synthesis of Copper Oxide (CuO) Nanoparticles for Enhancing the Thermal and Distillation Efficiency of Solar Stills	T1
P.P T1-083	Nardjess Bouneb	Formulation and quality control of vitamin C 250 mg	T1
P.P T1-084	Narimane Lammari	Supercritical CO <sub>2</sub> Extraction and Anticancer Insights into Aucklandia costus Root Essential Oil: A Combined In Silico and In Vitro Approach	T1

P.P T1-085	Neni Amira	Evaluating asphaltene dispersion with choline chloride or menthol based deep eutectic solvents: A COSMO-RS analysis	T1
P.P T1-086	Néssaibia Hanene	Green synthesis using zinc Oxide, in vitro Antibacterial and antioxidant evaluation of novel N-acyl-6chloro-2(3H) benzoxazolone Derivatives	T1
P.P T1-088	Oualid Bouaziz	Optimization of Culture Medium Components using RSM-ANN Approach for Lipase from an Autochthon Actinomycete isolated from Local compost in Northeastern Algeria	T1
P.P T1-089	Oualid Bouaziz	Screening of Culture Medium parameters for Optimal Lipase Production by an Autochthon Fungal Strain isolated from Local Lipid Waste using a Statistical Approach	T1
P.P. T4-067	Samira Kérouani	Évaluation de la Biodégradation et de l'Ecotoxicité des films de Polypropylène / Pro-oxydants	T4
P.P. T2-007	Asma Boulanacer	Electrochemical and structural study of LPNO and LNPNO cathodes for solid oxide fuel cell (SOFC)	T2

## Day 1 – Tuesday, November 18, 2025 15:30 – 16:15

Session Chairs	Tounsi Asia & Hadjira Guerbaa & Ghanes Amel & Bourmel Cherif & Bourmani Toufik & Benheni Azeddine		
P.P T1-091	R.Yekhlef	Corrosion Inhibition of 316L steel manufactured additively in sulfuric acid medium on Schiff Base : Gravimetric Studies	T1
P.P T1-092	Racha Rym Aouissat	Glycan-Specific Characterization and Partial Purification of a Root Lectin from Rosmarinus officinalis	T1
P.P T1-093	Racha Rym Aouissat	Physicochemical Characterization and Stability Analysis of Root-Derived Lectins from Rosmarinus officinalis	T1
P.P T1-094	Radja Bousseboua	Elimination des ions Cr(VI) par le composite calcite-goethite	T1
P.P T1-095	ROUIBAH Ikram	"Photocatalytic degradation of benzyl benzoate by TiO2 under UV light: influence of key parameters."	T1
P.P T1-096	SAAIDIA Samia	Use of EDTA to extract metal from soils originating from phosphate deposits	T1
P.P T1-097	Sabrina SAHI-BOUBEKRI	Phytochemical and Mineral Composition of Citrus lemon Peels	T1
P.P T1-098	Sabrine Ali	Evaluation of the Antioxidant Activity of a 4,5,6,7-Tetrahydro-1,3-benzothiazole Derivative Using DPPH, ABTS, and FRAP Assays	T1
P.P T1-099	SAHNOUN Sousna	Equilibrium Isotherm Analysis of Antibiotic Contaminant Adsorption Using Pyrolyzed Biomass	T1
P.P T1-100	Salma Oukhemamou	Application of Alginate – Activated Carbon Composite Beads for the Adsorption of Hexavalent Chromium	T1
P.P T1-101	Samia Belahcene	Unlocking HPLC Profiling, Cytotoxicity (PC3 cell line), Antioxidant, anti- inflammatory activities and protective effects of Algerian Myrtus communis L.: against pesticide mixtures induced hematotoxicity, hepato-nephrotoxicity, and male infertility	T1
P.P T1-102	Samira Zerrouki	A new complex of Ag (I) derived with sulfamide ligand, Synthesis, DFT, ADMET and molecular docking study	T1



P.P T1-103	Sara Tagmouni	Chemometric tools for determination of olive oil quality – Case study: Bejaia province (2024-2025)	T1
P.P T1-104	Sarra Omri	Selective Eco-Toxicity and Environmental Safety of Natural phenolic and terpenoid compounds in Ononis plant: Integrating In Vitro Assays, Docking, DFT-MEP, and ADMET/ProTox Predictions	T1
P.P T1-105	SEBIHI Nassima	Structural and elastic properties of ternary silicides ScTSi (T = Co, Ni) and of the equiatomic intermetallic compounds YTX (T = Ni and X = Si)	t1
P.P T1-106	SELIM Hanane	Exploration du rôle protecteur d'extrait de grenade dans la toxicité induite par les nanoparticules de l'oxyde de nickel	T1
P.P T1-107	Sylia AZOUG	Adsorption of 4-Nitrophenol on MCM-41: A Study on Removal Efficiency and Mechanisms.	T1
P.P T1-108	Tlildjane Hamida	Synthesis of a new compound	T1
P.P T1-109	Zemali okba	Evaluation of Antioxidant Activity of Citric Acid-Assisted Green-Synthesized MgO/MgO <sub>2</sub> Nanocomposite	T1
P.P T1-110	Zina BOUTOBBA	Synthesis and Structural Characterization of Bis(anilinium hydrogensulfate)	T1
P.P T1-111	A.BOUJAMAA	Valorization of biomass for the production of biodiesel through biological processes.	T1
P.P T1-112	A.BOUJAMAA	Molecular and Quantum Chemical Characterization of a Schiff Base: 4-(2-hydroxyanilino)pent-3-en-2-one	T1
P.P T1-113	AISSAOUI Djamila Roua	Synthesis, Characterization and Computational Investigation of a novel $\alpha$ -aminophosphonic derivatives	T1
P.P T1-114	Anfal Kara	Molecular Docking Insights into Aminoglycoside–Resistance Enzyme Interactions	T1
P.P T1-115	Aouissat Racha Rym	Glycan-Specific Characterization and Partial Purification of a Root Lectin from Rosmarinus officinalis"	T1
P.P T1-116	Boukazoula soraya	Protection of Carbon Steel X48 against Corrosion by a Schiff Base in 0.5 M H <sub>2</sub> SO <sub>4</sub> Solution	T1
P.P T1-117	BOUKAZOULA SORAYA	Synthesis and Structural Characterization of a New Schiff Base Ligand Derived from the Condensation of an Amine and a Carbonyl Compound	T1
P.P T1-118	Boutikar Khadidja	Biological activity films behavior based on casein protein	T1
P.P T1-119	CHAHMANA Safia	Electrochemical and Theoretical Investigation of a Schiff Base Derivative as an Efficient Corrosion Inhibitor for Steel in Alkaline Chloride Media	T1
P.P T1-120	Chaima BOUCHHIT	Natural Leaf Extract as a Green Corrosion Inhibitor for Welded Stainless Steel in Aggressive Media	T1
P.P T1-121	F. Kerrouche	The impact of cathode modification on the degradation of complex pollutants: the influence of parameters	T1
P.P T1-122	GOUISSEM Linda	Valorization of Stearic Acid–Treated Perlite in Eco-Efficient HDPE Composites for Sustainable Performance	T1
P.P T1-123	GUENIFI IMANE	Biogenic Route to the Formation and Characterization of Organometallic Nanoparticles	T1
P.P T1-124	Imene BOUZID	Synthesis and physico-chemical characterization of a metal complexe Cu (II) with an N2S2 donor ligand derived from thiosemicarbazide and 4-diethylaminobenzaldehyde	T1
P.P T1-125	KAKAA Faiza	Influence of pH and Fluoride Levels on the Corrosion of Electrochemically and Thermally Treated Titanium in Artificial Saliva	T1
P.P T1-126	Kerkour Rachida	Comparative study between a Schiff base and its Phosphonate derivative as organic corrosion inhibitors: Synthesis, Characterization, Electrochemical and Surface Investigations	T1



P.P T1-127	Khadiri Halima	Propriétés Physico-Chimiques et Thermodynamiques d'un Système Micellaire Pharmaceutique Mixte	T1
P.P T1-128	Khaoula Douadi	Multi-technique Approaches to Protective Layers on Steel: Toward Enhanced Environmental Durability	T1
P.P T1-129	Mamache Mounira	Bioactive Chitosan–Alginate Conjugates with Dual Anti-Diabetic and Anti-Browning Potentials	T1
P.P T1-130	Marwa Bachiri	Solar Oxidation of Rhodamine B from Soil Using Design-Expert: A Sustainable Remediation Strategy	T1
P.P T1-131	Mechta Ahlem	Experimental Study on the Elaboration and Mechanical Behavior of Laminated Composites.Aissa Laouissi; Elhadj Raouache.	T1
P.P T1-132	Mouzali Saida	Study of the Inhibition Effect of a Schiff Base on Mild Steel Corrosion in 1 M HCl Solution	T1
P.P T1-133	Sarra BOUCENNA	The elastic anisotropy, electronic and optical properties of $\text{Ca}_2\text{PO}_3\text{N}$ from first principles calculations	T1
P.P T1-134	Selma Benbrahim	Advancements in Sustainable Chemistry for Leather Tanning: Innovations and Practices	T1
P.P T1-135	Seloua khalfoun	Synthèse Éco-Responsable de Nanostructure $\text{TiO}_2\text{-SiO}_2$ pour la Dégradation Photocatalytique du Colorant Rhodamine B Sous Lumière Solaire	T1
P.P T1-136	Sofiane BENIDIR	Evolution of Water Physico-Chemical Parameters Along the Multi-Stage Treatment Process at El Marsa Desalination Plant, Skikda	T1
P.P T1-137	Souaad KHODJA	Iron- and Cerium-Exchanged Montmorillonite as Efficient Catalysts for the Biginelli Reaction	T1
P.P T1-138	Souaad KHODJA	Solvent-Free, Microwave-Accelerated Biginelli Reactions Catalyzed by Al- Pillared Montmorillonite	T1
P.P T1-139	Moustafa boukraa	Numerical Simulation of Single-Pass Selective Laser Melting (SLM) of Stainless Steel 316L alloy	T1
P.P T1-140	Fatah HADJI	Machine Learning and Clustering Approaches for Predicting the Mechanical Behavior of Polymer Matrix Composites	T1
P.P T1-141	Amina ALOUACHE	Colorimetric Detection of $\text{Cu}^{2+}$ Ions Using a Schiff Base Chemosensor	T1
P.P T1-142	F. Habelhames	PVDF membranes with enhanced properties for efficient membrane distillation	T1
P.P. T2-001	BELKHIRI Farida1	Screening of Polyphenols content, the Antioxidant and antimicrobial activities of <i>Origanum glandulosum</i> from Djbel Babour, Setif, Algeria	T2
P.P. T2-002	Roumeila Zerrouk	In vitro antioxidant and inhibition of denaturation of albumin assay activites of medicinal plants"Achillea	T2
P.P. T2-003	Abdelmalik Seddiki	Hydrogen storage in gas hydrate Ab-initio study of guest-host interactions	T2
P.P. T2-004	Abderrazek Ferhat	A new process for extraction of essential oil from Citrus peels: Microwave hydrodiffusion and gravity	T2
P.P. T2-005	Alihellal Dounia	Green Chemistry Approach to the Sustainable Use of Natural Wastes for Green Chemistry Approach to the Sustainable Use of Natural Wastes for Organic Contaminant Removal	T2
P.P. T2-006	Amine Kherfi1	Catalyst HER for water splitting	T2
P.P T1-087	Nora Oulmi	Interface Engineering with CIGS and $\text{MoO}_3$ to Boost the Efficiency of Lead-Free $\text{MASnI}_3$ Perovskite Solar Cells	T1

P.P. T2-008	Asma MERICHE	Effect of pH on the adsorption of methyl orange and its photocatalytic degradation on Fe <sub>2</sub> O <sub>3</sub> synthesized by the sol-gel combustion method	T2
P.P. T2-009	Assia Tounsi	Electrochemical deposition and capacitive performance of MnO <sub>2</sub> thin films on FTO substrate	T2
P.P. T2-010	Berkane aya	Antioxidant and Polyphenolic Profiling of Ephedra Species Extracts: Exploring Pharmaceutical Potential of Natural Bioactives	T2
P.P. T2-011	BERKANE AYA	Advanced GC-MS Characterization of Essential Oils Extracted from Ephedra Specie	T2
P.P. T2-012	BOUDISSA Rabah	Investigation of structural elastic electronic optical and thermoelectric properties of LiInS and LiInTe for optoelectronic and energy conversion	T2
P.P. T2-013	Boudjemaa Aissa	VALORIZATION OF BIOMASS FOR THE PRODUCTION OF BIODIESEL THROUGH BIOLOGICAL PROCESSES"	T2
P.P. T2-014	Bouseba Loubna	Numerical simulation of melting process of phase change materials	T2
P.P. T2-015	Chahmana Nadia	Influence of Bismuth and STPP as Electrolytic Additives on the Physical and Electrochemical Behavior of the Positive Plate in Lead–Acid Batteries	T2
P.P. T2-016	Charif Guissa	In vitro Evaluation of Antioxidant Activities of teucrium polium Extracts	T2
P.P. T2-017	Charif Rania	Electronic And Band Gap Engineering Of Mg-Germanate Oxides For Environmental Photocatalysis	T2
P.P. T2-018	Chelghoum Nadjat	REOLOGICAL, MECHANICAL AND THERMAL CHARACTERIZATIONS OF PC/PEBD-L NANOCOMPOSITES: EFFECTS OF THE CLAY CONTENT AND THE COMPATIBILIZING AGENT	T2
P.P. T2-019	Daouia INGRACHEN	Low cost synthesis of MCM-41 silica nanoparticles from glass waste for the removal of crystal violet dye	T2
P.P. T2-020	Dina Marouf	Impact of Calcination Temperature on SOFC Cathodes: A Literature Review	T2
P.P. T2-021	Farida Belkhiri	Bioactive Potential of Punica granatum Peel: Polyphenol Content and Antioxidant and Antimicrobial Activities via In Vitro and In Silico Analysis	T2
P.P. T2-022	Farida Belkhiri	Total Polyphenol Content, Antioxidant, Antibacterial and Antifungal Properties of the Hydroalcoholic Extract of Oregano from Djebel Babor, Setif, Algeria	T2
P.P. T2-023	Fatima Zohra Benkrifa	Efficient Hydrogen Production Using Functionalized Mg–Co Spinel Nanoferrites	T2
P.P. T2-024	Foudi Samira	Synthesis and structural, morphological, and chimico-optical properties of Sr <sub>2</sub> FeO <sub>4</sub> Ruddlesden-Popper oxide	T2
P.P. T2-025	Ghania Benhamdi	Effect of Sulfamic Acid on Reactive Nitrogen Species During Gliding Arc Discharge Treatment of Acid Green 25	T2
P.P. T2-026	Hacen Ben amara	Evaluating the Binding Affinity of Resverat to DNA Through Docking, Dynamics Simulations, and ADMET Predictions	T2
P.P. T2-027	Hadda Benaceur	Structural and morphological characterization of ecological composites based on recycled HDPE and agricultural waste	T2
P.P. T2-028	Hadj Larbi Khadidja	ELECTROCHEMICAL PROPRIETIES OF TiO <sub>2</sub> DEVELOPED BY DIFFERENT METHODS OF ELECTRODEPOSITION AND ITS EFFECT ON PHOTOELECTRODEGRADATION OF MO DYE	T2
P.P. T2-029	Hamida Bekakria	Study of metallic contamination (Ni, Cr and Se) in the sediments of the wadis of the Annaba region	T2

P.P. T2-030	Hanen Nessaibia	Green Synthesis Using Zinc Oxide: In Vitro Antibacterial and Antioxidant Evaluation of Novel N-Acyl-6-chloro-2(3H)-benzoxazolone Derivatives	T2
P.P. T2-031	Hayat TRABSA	The scavenger effect of superoxide produced by xanthine oxidase (cytochrome c)	T2
P.P. T2-032	HESSAINIA AMAR	Theoretical Study and Optimization of Apodized Fiber Bragg Grating Temperature Sensor for Photovoltaic Solar Panel	T2
P.P. T2-033	Housseem Eddine DOGHMANE	Elastic properties determination of CuInSe <sub>2</sub> layers on glass substrates for photovoltaic applications	T2
P.P. T2-034	Imadeddine BELLILI	Enhanced Structural, Optical, and Electrical Properties of Spray-Deposited (Al, Mo)-Doped ZnO Thin Films for Transparent Electrodes in Solar Cells	T2
P.P. T2-035	Ines Haddadi	Microwave-Assisted Synthesis, DFT Theoretical Study And Biological Activities Evaluation Of Two Phosphonylated M-Toluidine Derivatives	T2
P.P. T2-036	KEBSA Widad	GC-MS Profile and Therapeutic Potential of Globularia alypum Ethanolic Extract: A Study on Antioxidant and Anti-Inflammatory Effects.	T2
P.P. T2-037	KEBSA Widad	Green HPLC- Characterization and Antidiabetic Potential of Artemisia Extract in a Streptozotocin-Induced Diabetes Model	T2
P.P. T2-038	Khadiri Halima	Physicochemical and Thermodynamic Properties of a Mixed Pharmaceutical Micellar System	T2
P.P. T2-039	Khaled Kherraz	Influence of Seasonal Changes on the Antioxidant Properties of Cistus creticus Ethanolic Extracts	T2
P.P. T2-040	Khalil Guelifet	Comparative Assessment of Spring and Autumn Antioxidant Capacity in Two Mediterranean Medicinal Plants	T2
P.P. T2-041	Khellaf Noureddine	From Plant Extracts to Clean Water: Photocatalytic Power of TiO <sub>2</sub> /rGO Nanohybrids	T2
P.P. T2-042	Krache Imane	In vitro antioxidant activities from lycium arabicum	T2
P.P. T2-043	Krache Imane	In vivo and in silico antioxydant effects of Lycium arabicum extracts	T2
P.P. T2-044	Lebbouz Siham	Synthesis and antioxidant evaluation of Schiff base ligands: potential environmentally friendly applications	T2
P.P. T2-045	Leila Dehimi	Effect of calcination treatment on the adsorptive performance of green adsorbent derived from citrus peels	T2
P.P. T2-046	Leila Zade Adimi	Etude de quelques activités biologiques d'une plante médicinale traditionnelle :Origanum vulgare L	T2
P.P. T2-047	Lydia Djoudi	Bioactive Edible Coatings: A Sustainable Strategy for extending shelf life and quality of fresh fruits	T2
P.P. T2-048	Marouf Dina	Impact of Calcination Temperature on SOFC Cathodes: A Literature Review	T2
P.P. T2-049	Mohammed Messaoudi	Flavonoid Content and Mineral Composition of Three Algerian Medicinal plants	T2
P.P. T2-050	Mokhtar Benmohamed	Lipid Composition and Antioxidant Properties of Oils Extracted from Immature Pistacia atlantica Fruits Collected in the Sougaa Region	T2
P.P. T2-051	Mustapha Boubatra	Metallic and semiconductor nanoparticles for innovative treatment of polluted waters	T2
P.P. T2-052	Nabila BOUABDALLAH	Photocatalytic Dye-Degradation Using Nickel Doped Titania For Water Pollution Abatement	T2

## Day 2 – Wednesday, November 19, 2025 10:30 – 11:15

Session Chairs	Zerguine Wided & Benramdhan Razika & Derbal Sabrina & Adoika Khalthom & Borka Brahim & Gaidi Faycal		
P.P. T2-053	Nassima bendjellal	Coordinated chiral imidazolium-based dicarboxylate ligands with bryum alkaline-earth metals	T2
P.P. T2-054	Nora Laouicha	Heavy metals bioremediation by shoot extract of Helianthus annuus (chelating ability)	T2
P.P. T2-055	Ouidad Beldjebli	Tuning the structural and optical properties of electrodeposited ZnS/ITO thin films via sulfurization annealing	T2
P.P. T2-056	Ounis amina	Enhanced photocatalytic degradation of rhodamine B by Bismuth Sodium titanate-based Bi <sub>0.5</sub> Na <sub>0.5</sub> TiO <sub>3</sub> lead free nanomaterials co-doped with indium and tantalum under UV irradiation	T2
P.P. T2-057	Rahmani Abdellatif	Comparative Study of the Performance of TiO <sub>2</sub> and N-doped TiO <sub>2</sub> Catalysts in Green Hydrogen Production	T2
P.P. T2-058	Rahmani Imène	Chromatographic methods in herbal drug analysis: Toward greener Analytics	T2
P.P. T2-059	Rahmani Imène	Phenolic richness and antioxidant potential of the common Nettle (Urtica dioica)	T2
P.P. T2-060	REFFAS Mounir	Study of solar cells based on p-CZTS/ buffer layer /i-ZnO/n- ZnO:Al systems (buffer layer: In <sub>2</sub> S <sub>3</sub> and CdS) a numerical simulation using SCAPS-1D	T2
P.P. T2-061	S. Saadoun	Ab Initio Study Of Structural And Electronic Of Na <sub>1-x</sub> Li <sub>x</sub> MgH <sub>3</sub> (X=0, 0.25, 0.75, 1) Hydrides For Efficient Solid-State Hydrogen Storage Via Lithium Substitution	T2
P.P. T2-062	Sabri MERADI	Removal of Red RNB from Aqueous Solution Using the Fenton Advanced Oxidation Process	T2
P.P. T2-063	Salima Lakehal	Theoretical study of the structural, electronic and energetic properties of GLDA-alkali metal complexes.	T2
P.P. T2-064	Samia Belahcene	Algerian Myrtus communis L.: HPLC Profiling, Cytotoxicity (PC3 cell line), Antioxidant, anti-inflammatory activities and protective effects against pesticide mixtures induced hematotoxicity, hepato-nephrotoxicity, and male infertility	T2
P.P. T2-065	Samia SAAIDIA	Use of EDTA to extract metal from soils originating from phosphate deposits	T2
P.P. T2-066	Samira Ghedjati	Acute anti-inflammatory study using Carrageenan- induced paw edema test of ethanolic extract of Sanguisorba minor L.	T2
P.P. T2-067	Samra AMAMRA	Fraxinus Excelsior Fruit Extract: Antioxidant Efficacy and Eco-friendly Corrosion Inhibition	T2
P.P. T2-068	Saoudel Abdelmalek	Synthesis, Structural and Electrochemical Characterization of Doped Cathode and Electrolyte Oxides for Proton-Conducting Fuel Cells	T2
P.P. T2-069	Smani Dounia	Catalyst OER for electrolysis alkaline	T2

P.P. T2-070	Sofiane Benidir	uning the Electrocatalytic Reactivity of Ni/Au Electrodes: The Key Role of the Electrodeposition Potential	T2
P.P. T2-071	Somia Louzri	Photocatalytic degradation of malachite green using NiFe <sub>2</sub> O <sub>3</sub> /TiO <sub>2</sub> heterojunction under solar light	T2
P.P. T2-072	Sonia Baaziz	Ethnopharmacology of Ephedra alata and Screening of Bioactive Alkaloids	T2
P.P. T2-073	Souhir Elhassasna	Molecular Docking Study of Antifungal Compounds from Cymbopogon schoenanthus Against the 2KCN Enzyme	T2
P.P. T2-074	Yasser Azizi	A Comparative Study Under Sunlight and UV Light In Photocatalytic Degradation of Ketoprofen Using ZnFe <sub>2</sub> O <sub>4</sub> Catalyst	T2
P.P. T2-075	Zaibet Wafa	Extraction and Evaluation of the Biological Properties of Pinus halepensis Essential Oil from Constantine	T2
P.P. T2-076	Zaibet Wafa	Statistical Analysis of Essential Oil from Lavandula officinalis	T2
P.P. T2-077	El-Hadi LAKHAL	Enhanced Catalytic Efficiency of Optimized Cd-Substituted multiferoic Nanoparticles	T2
P.P. T2-078	Abdellatif Rahmani	Comparative Study of the Performance of TiO <sub>2</sub> and N-doped TiO <sub>2</sub> Catalysts Prepared by a Green Method for Green Hydrogen Production	T2
P.P. T2-079	Aouissat Racha Rym	Physicochemical Characterization and Stability Analysis of Root-Derived Lectins from Rosmarinus officinalis	T2
P.P. T2-080	Bounedjar Nourelhouda1	Thermodynamic and Time-Dependent Corrosion Inhibition of Mild Steel by Plasma-Synthesized ZnO Nanoparticles in Acidic Media	T2
P.P. T2-081	Boussoualim Naouel	Hayat TRABSA , Imane KRACHE and Abderrahman BAGHIANI	T2
P.P. T2-082	Chemsa Saoussene Imane	Pharmaceutical development of solid dosage forms	T2
P.P. T2-083	Fatima Zohra Benkrifa	Efficient degradation of anthraquinone dyes by cobalt-doped magnesium nano-ferrite in plasma-activated water and uv photocatalysis	T2
P.P. T2-084	Fatima Zohra Rahim	Hydrogen production from electrodeposited thin films: principles and prospects	T2
P.P. T2-085	Ghania Benhamdi	Plasma-Assisted Generation and Zeolite A-Based Delivery of Nitric Oxide for Biomedical Applications	T2
P.P. T2-086	Hemidi yasmine	Preparation and Photocatalytic Applications of TiO <sub>2</sub> /Ferrite/Graphene Oxide Composites: Review	T2
P.P. T2-087	Roumeila Zerrouk	In vitro antioxidant and inhibition of denaturation of albumin assay activities of medicinal plant « Achillea »	T2
P.P. T2-088	S. Cheddadi	First-Principles Investigation of the Structural, Electronic and Optical Properties of Ge-Doped MgSiAs <sub>2</sub>	T2
P.P. T2-089	Sabri Meradi	Elimination of Red RNB Present in an Aqueous Solution by the Advanced Oxidation Process « FENTON »	T2
P.P. T2-090	SELIM Hanane	Caractérisation des profils phénoliques de l'extrait de Punica granatum par HPLC	T2
P.P. T2-091	TAGMOUNI Sara	Chemometric tools for determination of olive oil quality – Case study: Bejaia province (2024-2025)”	T2
P.P. T2-092	Wahiba Douani	Green Valorization of Date Palm Fruit (Phoenix dactylifera L.): A Natural Resource for Sustainable Therapeutic and Energy Applications	T2

P.P. T2-093	Zaher Karima	Study of the Structural and Optical Properties of Sodium Alginate-Based Biofilms	T2
P.P. T2-094	Zohra Djetoui	Elaboration and characterization of HDPE Based Composites Loaded With Starch and Olive Pomace	T2
P.P. T2-095	Zohra Djetoui	Environmental Aging Effects on HDPE-Based Bio-Composites	T2
P.P. T3-001	Haddadi Ines	Microwave-assisted synthesis, DFT theoretical study and biological activities evaluation of two phosphonylated m-Toluidine derivatives	T3
P.P. T3-002	B. Gueridi	“Investigation of Structural, Electronic properties on BiGaO <sub>3</sub> Compound”	T3
P.P. T3-003	Bekakria Hamida	Study of metal contamination (Ni, Cr, and Se) in wadi sediments in the Annaba region	T3
P.P. T3-004	BENAMARA Hacen	Evaluating the Binding Affinity of Resverat to DNA Through Docking, Dynamics Simulations and ADMET Predictions	T3
P.P. T3-005	Bilal Benmessahel	Hybrid Keypoint-Based Approach to Image Copy-Move Forgery	T3
P.P. T3-006	Douar Amel	Intelligent Virtual Laboratories: AI-Driven 3D Environments for Experimental Science Learning	T3
P.P. T3-007	DOUFNOUNE Rachida	Design of Hybrid Nanofillers Based on Functionalized Montmorillonite and Partially Reduced Graphene Oxide Derivatives for Improved Polypropylene/Poly(ethylene-co-vinyl-acetate) Binary Polymer Blends targeting Automotive and Packaging Applications	T3
P.P. T3-008	El hassasna Souhir	Molecular Docking Study of Antifungal Compounds from Cymbopogon schoenanthus Against the 2KCN Enzyme	T3
P.P. T3-009	Kara Anfel	Molecular Docking Insights into Aminoglycoside–Resistance Enzyme Interactions	T3
P.P. T3-010	klaa kalthoum	First principal investigation of phase stability, electronic and optical properties of II-VI semiconductor	T3
P.P. T3-011	Nabila BOUABDALLAH	Application of Cu-Doped TiO <sub>2</sub> Nanocatalyst for photodegradation of Methyl Violet Dye	T3
P.P. T3-012	RECHIDI Souad	Evaluation de l'activité photocatalytique des films minces ZnO/Cu <sub>2</sub> O pour la dégradation d'un colorant organique (bleu de méthylène)	T3
P.P. T3-013	Sana Bouanani	Molecular Insights into a Azo Dye “CN1”: DFT, Docking, and Pharmacokinetic Prediction for CDK2-Targeted Anticancer Activity.	T3
P.P. T3-014	TABTI Salima	Spectral, XRD, DFT/HSA of novel Zwitterionic base derivative of DHA	T3
P.P. T3-015	Wahiba Bellil	Colorimetric optimization of DMD coatings for energy-efficient glazing	T3
P.P. T3-016	Yougherta CHIBANE	Photocatalytic Activity of ZnO:TM Nanoparticles under Solar Irradiation;	T3
P.P. T3-017	Zaher Karima	Development of ACE2 inhibitor molecules based on hydroxychloroquine for Covid-19 treatment through molecular modeling	T3
P.P. T3-018	Cheddadi samir	First-principles investigation of the structural, Electronic and Optical properties of Ge-Doped MgSiAs <sub>2</sub>	T3
P.P. T3-019	Sara Abbassi	Ab Initio Study of the Structural and Electronic Behavior of Tungsten disulfide WS <sub>2</sub>	T3
P.P. T3-020	kerkatou redouane	Metal-organic framework based on imidazole derivatives and anhydrous zinc (II) chloride metal: crystallographic analysis, Hirshfeld surface, and Theoretical and Theoretical study”	T3
P.P. T3-021	Fatah HADJI	Predictive Modeling of Corrosion-Induced Degradation in Oil, Gas, and Fertilizer Pipelines	T3



P.P. T4-001	Daideche Khadidja	Electrochemical preparation and properties studying of metallic oxide nanostructures: Tin oxide and Cuprous oxide	T4
P.P. T4-002	Sara Abbassi	Ab Initio Study of the Structural and Electronic Behavior of Tungsten disulfide WS <sub>2</sub>	T4
P.P. T4-003	B. Gueridi	"Investigation of Structural, Electronic, and Thermoelectric Properties of Halide Double Perovskites (Cs <sub>2</sub> , K <sub>2</sub> , Rb <sub>2</sub> )SnCl <sub>6</sub> "	T4
P.P. T4-004	Imene BOUZID	Synthesis and physico-chemical characterization of a metal complexe Cu (II) with an N <sub>2</sub> S <sub>2</sub> donor ligand derived from thiosemicarbazide and 4-diethylaminobenzaldehyde	T4
P.P. T4-005	Abdellah Felouat	Extended Conjugated $\beta$ -Diketonates complexes for optoelectronics	T4
P.P. T4-006	Ahmed TABCHOUCHE	Development of a conductive polypyrrole–PbO <sub>2</sub> composite for electrochemical applications.	T4
P.P. T4-007	AICHOUNI Sara	Étude ab initio fondée sur la théorie de la fonctionnelle de la densité (DFT) des propriétés physiques, mécaniques et thermiques d'un alliage Heusler quaternaire QHA avec analyse du comportement thermoélectrique.	T4
P.P. T4-008	AISSA GUESMIA	Theoretical Study of Optoelectronic and Thermoelectric properties of double perovskites Ba <sub>2</sub> B'TaO <sub>6</sub> avec (B' = Gd, Yb) compounds: by DFT approach	T4
P.P. T4-009	AMARI Fouzi	The Effect of Pressure on vibrational and thermodynamic properties of CdSe in the zinc blende structure	T4
P.P. T4-010	Beldjebli Ouidad	Tuning the structural and optical properties of electrodeposited ZnS/ITO thin films via sulfurization annealing	T4
P.P. T4-011	Belkhamza Dyhia	Comparative study of Cr(VI) recovery using CTA and PVC polymer inclusion membrane fonctionalized with specific ionic liquid TOMAS	T4
P.P. T4-012	Benhenni Azidine	"Study of the rheological and mechanical properties of high-density polyethylene/polycarbonate (HDPE/PC) polymer blends"	T4
P.P. T4-013	BENKACEM Hasna	3D Printing of Elaborated Thermosetting Resin Via Digital Light Processing Tensile Properties Assessment of UV-Cast Polyurethane Acrylate	T4
P.P. T4-014	BERREHAIL Marwa	"Structural and morphological characterization of metal-reduced graphene oxide "	T4
P.P. T4-015	Bouzerara Sara	Comparative Study on the Influence of Electrodeposition Techniques on the Structural and Optical Properties of Nanostructured Zinc Oxide.	T4
P.P. T4-016	Bouzerara Sara	Interplay between deposition time and properties of ZnO nanorods for different ZnO-based technologies	T4
P.P. T4-017	Brahim BARKA1	Evaluation and optimization of the effects of ionic exchange treatment parameters on mechanical and optical properties of soda lime glass using Taguchi method	T4
P.P. T4-018	Chaaben Arroussi	Investigation of the Electrochemical Response of Borided 309L Stainless Steel	T4
P.P. T4-019	CHAHMANA SAFIA	Molecular and Quantum Chemical Characterization of a Schiff Base: 4-(2-hydroxyanilino)pent-3-en-2-one	T4



P.P. T4-020	Chelighem Hadjer	Effect of Spartium junceum L. Fiber Reinforcement on the Morphological, Thermal, and Mechanical Properties of PHBV-Based Biocomposites	T4
P.P. T4-022	Daideche Khadidja	Electrochemical preparation and properties studying of metallic oxide nanostructures: Tin oxide and Cuprous oxide.	T4
P.P. T4-023	Djetoui Zohra	Elaboration and characterization of HDPE Based Composites Loaded With Starch and Olive Pomace	T4
P.P. T4-024	Djetoui Zohra	Environmental Aging Effects on HDPE-Based Bio-Composites	T4
P.P. T4-025	Djoughra AGGOUN	Thermo-degradation and Kinetics Behavior Ni(II)-Macromolecular Compound Derived from Poly(4-Vinylpyridine-Co-Divinylbenzene) and Nickel(II) Complex	T4
P.P. T4-026	Djoughra AGGOUN	Synthesis, Spectral Characterization, Thermogravimetry, Electrochemistry and Catalytic Properties of a Colorimetric Naked Eye Schiff Base Ligand.	T4
P.P. T4-051	Lhadi OTMANI	PVA/Graphene Oxide Nanofibers via Electrospinning for Enhanced Functional Performance	T4

## Day 2 – Wednesday, November 19, 2025 16:00 – 16:45

Session Chairs	Ghames Amel & Melaim Nadjah & Boudjmaa Aissa & Mourad Latoui & Bounedjah Nourelhouda & Gharzouli Nora		
P.P. T4-027	DOUFNOUNE Rachida	Advanced nanocomposites materials based on high-density polyethylene/poly(ethylene-octene) and functionalized sodium Maghnite: Influence of clay surface modification and compatibilization on structure and thermo-mechanical properties	T4
P.P. T4-028	Fadila OULMOU	A Comparative Study of Sol-Gel and Green Methods for the Synthesis and Characterization of Zinc oxide Nanostructures	T4
P.P. T4-029	Faiza Benlakhdar	A Capacitive Sensing Approach Combined with Simple AI Techniques for Eco-Friendly Substrate Evaluation in Non-Destructive Testing	T4
P.P. T4-030	Faiza Benlakhdar	First-Principles DFT Study of Substitutional Doping Effects on the Optoelectronic Properties of Lead-Free Double Perovskite $K_2AgSbBr_6$	T4
P.P. T4-031	Farida BOUZIDI	Laboratoire de Physico- Chimie des Hauts Polymères (LPCHP), Département de Génie des Polymères, Institut des sciences et techniques des matériaux, Université Ferhat ABBAS, Sétif, Algérie	T4
P.P. T4-032	Farida BOUZIDI	Effects of modified Kaolinite obtained by mechanochemical and aqueous suspension techniques on the mechanical and thermal properties of Polypropylene: A comparative study	T4
P.P. T4-033	Fatima Khelfaoui	Effect of Chlorobenzene on structural and optical properties of perovskite thin films deposited by spin-coating technique	T4
P.P. T4-034	Gharzouli Nora	Role of Coupling Agents on the Mechanical and Thermal behavior of PP/CaCO <sub>3</sub> composites	T4
P.P. T4-035	Gharzouli Nora	Study of the thermal behavior of PP/EPR/SiO <sub>2</sub> ternary composites	T4

P.P. T4-036	GRINE Asmaa	Synthesis and Structural Characterization of Conducting Polymers Based on Polyaniline and Its Copolymers	T4
P.P. T4-037	Hafida Moulla	On the quasi-hermiticity and q-deformation.	T4
P.P. T4-038	HOCINE Salima	Synthesis and Characterization of Smart Agar-Based Hydrogels Grafted with AA and AMPS for Controlled Theophylline Release	T4
P.P. T4-039	Houssem Eddine DOGHMANE	Effect of Cu/Ag Thickness Ratio on the Optoelectronic Properties of Flexible AZO Multilayer Transparent Electrodes	T4
P.P. T4-040	Ikram Boucekine	The comprehensive evaluation of Zn–Ni coatings from structural, morphological, electrochemical, and corrosion-resistance perspectives.	T4
P.P. T4-041	Ikram DAKHOUCHE	Surface Activation of Carbon Nanotubes by Acid Oxidation for Enhanced Integration in Advanced Materials	T4
P.P. T4-042	Imadeddine BELLILI	Mg-doped ZnO Thin Films for Optoelectronic Applications	T4
P.P. T4-043	Imane Akacha	Optimizing process parameters for adsorption of diclofenac from water using biochar.	T4
P.P. T4-044	Imene Bougossa	Synthesis of a New Dibromide Nickel(II) Schiff Base Complex and Its Application in Phenol Oxidation	T4
P.P. T4-045	Kerrouche Fadoua	The impact of cathode modification on the degradation of complex pollutants: the influence of parameters	T4
P.P. T4-046	Khadidja Hoggas	Comparative Study of Sand Erosion Effects on Transparent MgAl <sub>2</sub> O <sub>4</sub> Spinel and Soda-Lime Glass	T4
P.P. T4-047	klaa kalthoum	Composition Dependent Tuning of Structural, Electronic and Magnetic Properties in Fe Atoms Substituted NiO compound	T4
P.P. T4-048	Lameche Norelhouda	Influence of FTO Substrate on the Optical Properties of Thin Films elaborated by sol gel”	T4
P.P. T4-049	Lamouri Refice	Exploring the Electronic and Thermoelectric Behaviour of Double Perovskite Sr <sub>2</sub> ZrRhO <sub>6</sub> via First-Principles Calculations	T4
P.P. T4-050	Leyla HAMOUDI	Development of ceramic membrane used to eliminate pollutant loads	T4
P.P. T4-021	Chibane Amina	Corrosion Inhibition Effect of Carbon Steel in 0.5M HCL by cyn3-Zn <sup>2+</sup> System	T4
P.P. T4-052	MECHERI Nacira	Novel molecule 1,3-di(4-bromophényl)-5-tert-butyl-1,3,5- triazinane and gold nanoparticle-based electrochemical sensor for the detection of Ascorbic Acid	T4
P.P. T4-053	Memchout Sid-ahmed	synthèse et caractérisation des couches minces de silicium nanocristallin hydrogène préparées par pulvérisation cathodique radiofréquence magnétron.	T4
P.P. T4-054	Meriem BENBRAHIM	“Effect of Zn Substitution on CoAl <sub>2</sub> O <sub>4</sub> Spinel Pigments ”	T4
P.P. T4-055	Meriem Boumedjout	New materials derivatives of tetrathiapentalene: Synthesis, characterization, DFT and electrical study	T4
P.P. T4-056	Meryem SOUAKIR	Synthesis and characterization of a nanocomposite based of a polymer with tin and copper in the form of thin layers	T4
P.P. T4-057	Mounia Guessoum	Effect of heat treatment on the mechanical properties and microstructures of 6013 alloy	T4
P.P. T4-058	Mounia Guessoum	Determination of the Activation Energy of a Metastable Phase in an Aluminum Alloy Using Kissinger, Ozawa, and Boswell Methods	T4

P.P. T4-059	Naoual ZOBEIDI	Development of a composite based on conducting polymers doped with manganese dioxide icroparticles for electrochemical applications	T4
P.P. T4-060	Riadh GUENDOUZ	A first-principles study of structural and mechanical properties of a ternary transition metal nitride alloy	T4
P.P. T4-061	RIKOUH Rahma Amina	Electrochemical study of the inhibition of a Schiff base on the corrosion of steel in a 1M HCl environment	T4
P.P. T4-062	RIKOUH Rahma Amina	QUANTUM CHEMICAL STUDY OF THE CORROSION INHIBITION OF A NEW SCHIFF-BASED COMPOUND ON MILD STEEL IN AN ACIDIC ENVIRONMENT	T4
P.P. T4-063	ROUANE Azeddine	Morphology and Thermal Stability of Recycled Polypropylene and Recycled Polypropylene /Calcined Clay Composites	T4
P.P. T4-064	ROUANE Azeddine	THE IMPACT OF PVC RECYCLING ON THE ECONOMY AND ENVIRONMENT	T4
P.P. T4-065	Salamou alaykom	Energistic Improvement of Thermal Performance and Structural Stability in Expanded Perlite/Paraffin Composites for Energy Storage,	T4
P.P. T4-066	Samira BOUGAA	Ab initio study of structural, electronic and thermoelectric properties of a chalcopyrite semiconductor alloys	T4
P.P T1-090	Oussama KOLLI	Bioplasticization and Biocompatibility: A Comparative Study of PVC, PCL, and Alternative Plasticizers	T1
P.P. T4-068	Sara MEZERIT	Additive Manufacturing, A New Process for Transforming Polymeric Materials: Advantages and Applications	T4
P.P. T4-069	Soraya Boukazoula	Protection of Carbon Steel X48 against Corrosion by a Schiff Base in 0.5 M H <sub>2</sub> SO <sub>4</sub> Solution	T4
P.P. T4-070	Soraya Boukazoula	Synthesis and Structural Characterization of a New Schiff Base Ligand Derived from the Condensation of an Amine and a Carbonyl Compound	T4
P.P. T4-071	Tlidjane Hamida	Effect of Thermal Aging on the Degradation of Polyamide 12 Manufactured by Selective Laser Sintering	T4
P.P. T4-072	Wahiba Falek	Structural study and spectroscopic analysis of charge transfer for several polymorph complexes	T4
P.P. T4-073	<u>Zahia HOUENE</u>	Study of Cathodic Protection by Sacrificial Anode in Reinforced Concrete	T4
P.P. T4-074	ZEBICHA Ahmed	Structural and Optical Properties control of Cu <sub>2</sub> O by PEG-Assisted Coprecipitation	T4
P.P. T4-075	Rachida Ouargli saker	Synthesis of a new cement from waste glass powder and hydrated cement	T4
P.P. T4-076	Ammar KASSAA	Numerical analysis of a solar greenhouse's thermal performance using a PCM-metal foam composite on charging/discharging process .	T4
P.P. T4-077	Badra Bouchareb	"Effect of Thermal Aging on the Degradation of Polyamide 12 Manufactured by Selective Laser Sintering (SLS)	T4
P.P. T4-078	BENRAMDANE RAZIKA	The Effect of Temperature on the Acidic Dissolution of Steel in the Presence of Organic Inhibitor	T4
P.P. T4-079	BENRAMDANE RAZIKA	Potentiodynamic polarization study of a 1,2-bis (4-méthoxybenzylidène) hydrazine compound as a corrosion inhibitor for XC70 steel in 1 M HCl	T4
P.P. T4-080	Djaber SABAH	Evaluation of the impact of Nano-Metal Oxide modification of activated carbon on the adsorption mechanisms of dye	T4

P.P. T4-081	kerkatou redouane	Study of the corrosion inhibitory effect of a new compound by the electrochemical method	T4
P.P. T4-082	KHELLAF Souhila	Thermal and Spectroscopic Properties of Composites (PP/CaHPO <sub>4</sub> .2H <sub>2</sub> O) With and Without Compatibilizer	T4
P.P. T4-083	KHELLAF Souhila	Treatment of polluted water with methyl orange using PVC/Bentonite-based membranes.	T4
P.P. T4-084	Lakehal Salima	Theoretical study of the structural, electronic and energetic properties of GLDA-alkali metal complexes	T4
P.P. T4-085	NENI Amira	Elimination of CO <sub>2</sub> by sorption-enhanced methane steam reforming over Ni/Al <sub>2</sub> O <sub>3</sub> catalyst in a fixed bed reactor	T4
P.P. T4-086	Rabah Amrani	Improved sinterability and dielectric performance of lead-free (Ba <sub>0.85</sub> Ca <sub>0.15</sub> )(Zr <sub>0.1</sub> Ti <sub>0.9</sub> )O <sub>3</sub> ceramics via CuO sintering aid addition	T4
P.P. T4-087	Salim Tebbakh	Electrodeposited Co–Ni alloy thin films	T4
P.P. T4-088	Samah BOUDOUR	Sol-Gel Synthesis, Microstructure, and Topography of Hexagonal Zinc Sulfide Coating for Optoelectronic Applications	T4
P.P. T4-089	Souhila Boussaad	Nonlinear Optical Responses of Group IV Fused-Metallocene Hydride Complexes: DFT and TD-DFT Predictions	T4
P.P. T4-090	Zohra yellas	Gallium Nitride Waveguides for nonlinear optics	T4
P.P. T4-091	Ragheb Khalil Bouriche	Copper Hydride Nanoclusters: Unraveling Their Electronic and NLO Characteristics	T4
P.P. T4-092	chedri loubna	Elaboration et caractérisation d'une charge minérale locale (kaolin de Tamazert)	T4