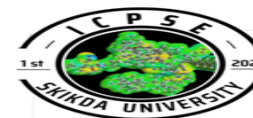




*The First International Conference on Polymer
Science and Engineering (ICPSE-2025)*

October 12-13th, 2025, Skikda, Algeria



SUNDAY OCTOBER 12th, 2025

Annexe -1-

Posters Session -1- (-Presential-ICPSE'25)

(CA .01- CA .25) - 10h30'- 11h30'

(CA .26- CA .50) - 14h30'- 15h00'

ID	Full Name	Title of Communication
10h30'- 11h30' Posters Session -1- (-Presential-ICPSE'25)- Chair Session: Dr.Boussaha El Hadi SUNDAY OCTOBER 12TH, 2025		
CA.01	Boultif Walid	Host-Guest interactions between cyclobis (paraquat-p-phenylene) and thiophene oligomers unveiled through DFT analysis. Univ-Skikda
CA.02	Dairi Nassima	Influence of fiber content on mechanical and morphological properties of diss fibers reinforced HDPE composites. Univ- Bouira
CA.03	Larkam Sarra	Valorization of lignocellulosic fibers in the development of composite materials. Univ-Skikda
CA.04	Benkacem Samra	Eco-Friendly Adsorption of Methylene Blue Using Natural and Modified Algerian Clays. Univ-Skikda
CA.05	Dairi Badrina	Study of the effect of the introduction of plant fibers on the properties of composites. Univ-Skikda
CA.06	Aouici Samia	Study of chemical product behavior for heat exchangers stripping in place SIP. Univ-Skikda
CA.07	Aouici Samia	Chemical Regeneration of Used Lubricating Oil via Sulfuric Acid Treatment. Univ-Skikda
CA.08	Boussaha El Hadi	Gravimetric evaluation of the corrosion resistance of nickel-based coatings deposited by laser powder spraying . Univ-Skikda
CA.09	Boussaha El Hadi	Experimental and theoretical studies of aloe Vera extracts as green inhibitor in saline medium. Univ-Skikda
CA.10	A. M.Ben Ali	Biochar from agricultural waste as a reinforcing filler for HDPE biocomposites. Univ-Skikda
CA.11	A. M.Ben Ali	Eco-Friendly PVC composites: microstructural and thermal behavior of date seed reinforcements. Univ-Skikda
CA.12	Bellili Nadira	Hydrothermal Aging of Polypropylene-Based Composites Reinforced with Waste Coffee Grounds. Univ-Skikda
CA.13	Boulkrah Hafida	Valorization of Olive Leaf Polyphenols for the Development of an Activated Carbon/Polyphenol Composite Applied to Methylene Blue Adsorption. Univ-Skikda
CA.14	Ali-Messiad Fatine	Exploring the binding of p-xylene to a p-tert-butylcalix[4]arene dimer:Computational insights from DFT calculations. Univ-Skikda
CA.15	Chekkal Faiza	Molecular Modeling of Supramolecular Hosts for Hydrocarbon Capture. Univ-Skikda
CA.16	Bouneb Wahiba	Étude théorique du complexe d'inclusion polypyrrole/ β -cyclodextrine : analyse des interactions et propriétés électroniques. Univ-Skikda
CA.17	M.Boubessil	DFT and TD-DFT study of structural, electronic, and optical properties of [1]benzothieno[3,2-b]benzothiophene and its dimer. Univ-Skikda
CA.18	Khachay Abdelhak	The Adsorption Mechanism of Phenol and Para-Chlorophenol onto Sepiolite Clay: A Combined DFT Calculations and Molecular Dynamics Simulations. Univ- Medea
CA.19	Chouit Hanifa	Cycloadditions 1,3-dipolaires de nitrones avec des allènes substitués, pour la synthèse d'hétérocycles d'intérêt. Univ-Skikda
CA.20	Benabderrahmane Wassila	From chemistry to bioactivity : HPLC-DAD, GCMS & NMR analysis of phenolics compounds and evaluation of pharmacological activities of extracts from an Algerian medicinal plant (Asteraceae). Univ-Skikda
CA.21	Rakhoum Youcef	Synthesis and characterization of Synthesis, Crystal structure, Hirshfeld surface interactions, anti-corrosion analysis, DFT calculations of base Schiff. Univ-Skikda
CA.22	Saadi Souheila	Étude des caractéristiques électroniques et des propriétés optiques des composés organiques hétérocyclique. Univ-Constantine
CA.23	Amrane Sylia	Effect of formulation parameters on the colloidal properties of Polycaprolactone microparticles prepared by double emulsion. Univ-Béjaia
CA.24	Daoiya Zouied	The cellulose extraction from a natural plant and their application for crystal violet degradation. Univ-Skikda
CA.25	khelfaoui Malika	Study of the performance of membranes in seawater desalination. Case of the "DESSALADORA" station in Skikda. Univ-Skikda

ID	Full Name	Title of Communication
14h30'- 15h00' Posters Session -2- (-Presential-ICPSE'25)- Chair Session: Prof.Belhocine Youghourta		SUNDAY OCTOBER 12TH, 2025
CA.26	Zeglil Amel	Antibacterial activity of copper nanoparticles using plant extract. Univ-Skikda
CA.27	Guerfi Samia	Etude de comportement de l'inhibiteur NALCO EC1010B pour laProtection contre la corrosion des échangeurs de chaleurs. Univ-Skikda
CA.28	Ahmedchekkat Fatiha	Synthesis of a biopolymer from the plant Biomass of Algerian origin. Univ-Skikda
CA.29	Ramdane Nassima	The valorization of animal-derived waste for the elaboration of novel composite materials. Univ-Skikda
CA.30	Assas Nedjma	Synthesis, Characterization, and Controlled Release Kinetics of Paracetamol-Loaded Cellulose Triacetate Microparticles: A Novel Approach to Pharmaceutical Encapsulation. Univ-Bordj Bou Arreridj
CA.31	Hayoune Asma	Geopolymer Derived from KOH-Activated Metakaolin as an Efficient Adsorbent for Methyl Violet. Univ-Skikda
CA.32	Guira Meriem	Enhanced Barrier and surface properties of PLA/PCL nanocomposites with MOF and Graphene Fillers for sustainable packaging. Univ-Béjaia
CA.33	Debbah Ismahane	Preparation and characterization of PC/ABS blends : effect of compatibilizer and multiwall carbon nanotube. ENS Sétif
CA.34	Debbah Ismahane	Étude des propriétés des mélange de PP/ABS. ENS Sétif
CA.35	Tabet Habiba	Elaboration D'un Matériau Composite par Polymerisation In Situ. Univ-Skikda
CA.36	Addadi Rania	Synthesis, biological evaluations and in silico analysis of novel pyrazolone derivatives based azo dyes. Univ-Saida
CA.37	Bourouba Lilia	Développement d'un Capteur Non Enzymatique au Glucose Basé sur un Composite de Chitosane-ZnO Biosourcé. Univ-Skikda
CA.38	Atamnia Amira	Development of starch-based biocomposites reinforced with orange peel waste for sustainable packaging. Univ-Skikda
CA.39	Bouaziz Imene	The effect of incorporation of a mineral filler and its treatment on the structural and mechanical properties of a composite material. USTHB
CA.40	Steifi Ouissal	Valorisation des céramiques usagées pour des applications innovantes dans les matériaux. Univ-Sétif
CA.41	Boudouaia Hafidha	Improving Risk-Based Safety in HDPE Manufacturing Through a Combined STPA-FMEA Approach. Univ-Skikda
CA.42	Rabehi Nadjia	Effect of a Compatibilizer on Hydrothermal Aging of Spent Coffee Grounds Reinforced Polypropylene Composites. Univ-Skikda
CA.43	Bougdah Abdelali	Gravimetric Evaluation of Corrosion Rates through Comparative Methodologies and Reference Data for Assessing Corrosion Inhibitor Performance. Univ-Skikda
CA.44	Safi Akram	Effect of compatibilizing agents on hawthorn seed flour reinforced polypropylene composites. Univ-Skikda
CA.45	Boucetta Radja Nada	Synthesis of Biopolymer-embedded Iron oxide Nanocomposite for the degradation of POPs. Univ-Skikda
CA.46	Boucetta Radja Nada	Green Synthesis of magnetic Fe ₃ O ₄ -Biopolymer Nanocomposite Using Aloe perfoliata Gel for Photocatalytic Degradation of Rhodamine B. Univ-Skikda
CA.47	Rabehi Nadjia	Influence of Hydrothermal Aging on Mechanical and Morphological Properties of PP/SCG Composites. Univ-Skikda
CA.48	Bekouche Karima	Preparation of HDPE-MMt composites using modified Montmorillonite as inorganic filler. Univ-Skikda
CA.49	Djedjiga Brai	LMI-Based Event-Triggered Fuzzy Control under Deception Attacks. Univ-Skikda
CA.50	Djedjiga Brai	A Robust Event-Triggered Control for Large-Scale Systems under deception attack. Univ-Skikda

MONDAY OCTOBER 13th, 2025

Annexe -1-

**Posters Session -1- (-Presential-ICPSE'25)
(CA .51- CA .72) - 10h40'-11h10'**

ID	Full Name	Title of Communication
10h40'- 11h10' Posters Session -1- (-Presential-ICPSE'25)- Chair Session: Dr.Bouafia Abderraouf MONDAY OCTOBER 13th, 2025		
CA.51	Saci Houria	Preparation and characterization of PVA/bentonite clay membranes and their application in the adsorption of the dye Rose Bengal - USTO-MB
CA.52	Chelghoum Nadjat	Impact of Linear Low-Density Polyethylene Incorporation on the Properties of PLA/PC-Based Biopolymer Blends. Univ-Annaba
CA.53	Mayouf Imane	Rheological and Mechanical Properties of PP/AM/MMT Composites: Influence of Clay Structure and Anhydride Grafting. Univ-Mila
CA.54	Belhaoues Abderrahmane	Recycling of waste PP plastic in preparation of plastic brick towards strength, durability, and environmental sustainability. Univ-Skikda
CA.55	Mahmoudi Abdelghani	New HPLC method for quantitative determination of spiramycin using Poly(Styrene-Di-Vinyl-Benzene) as stationary phase. Univ-Skikda
CA.56	Boughaita Imen	Natural polymers adsorption kinetics behavior on the mineral rock. Univ-Skikda
CA.57	Hayoune Asma	Comparative Study of Organic Dye Removal Using KOH- and NaOH-Activated Metakaolin Geopolymers: Enhanced Performance with KOH Treatment. Univ-Skikda
CA.58	Saadi Ahlem Sarra	Development and Characterization of an Eco-Friendly Material Based on PEHD Reinforced with Plant Fibers. Univ-Skikda
CA.59	Bouafia Abderraouf	Enhancing Industrial Safety Through STPA-BN Integration: Case Study of the GL1/K Gas Liquefaction Complex. Univ-Skikda
CA.60	Sadallah Fateh	Recent Trends in Hybrid Biopolymer-Nanoparticle Systems in Enhanced Oil Recovery. Univ-Skikda
CA.61	Bourouis Fairouz	Contribution to the study of sandwich composite materials loaded in three-point bending. Univ- Constantine
CA.62	Benhamada Malika	The Effects of Hydrothermal Aging Characterized by SEC on the Degradation Kinetic of Polycarbonate Calculated through TGA. Univ-Constantine 3
CA.63	Rahal Hassiba	Influence of operating parameters on the quality of high-density polyethylene (HDPE). Univ-Skikda
CA.64	Sahi Samira	Study of the physico-mechanical properties of hybrid polymer composite using mineral powder and lignocellulosic fiber as bio-filler). Univ-Skikda
CA.65	Addala Abdelhamid	Synthesis and physico-chemical characterization of new Schiff base 2,4 bis (2'- thiophenyl imino) pentane. Univ-Skikda
CA.66	Guendouz Samira	Removal of green malachite onto nanocomposite based on polystyrene-clay. Univ-Skikda
CA.67	Goudjil Housseem	Summer Thermal Performance of PCM-Integrated Walls in Cold Climatic Zones of Algeria: A Comparative Numerical Study. Univ-Skikda
CA.68	Henni Maroua	The effect of Activation function on predicting the permeability of polymer intrinsic microporosity (PIMs). Univ-Médéa
CA.69	Boudaoud Naila	Removal of dyes from aqueous solution using coordination polymer as adsorbent. Univ-Skikda
CA.70	Chenouf Meriem	Degradation du vert de malachite par photocatalyse sous irradiation solaire. Univ-Skikda
CA.71	Innal Fahima	Evolution of the Absorption Rate of a Material Polymer Matrix Composite. Univ-Skikda
CA.72	Innal Fahima	Evolution du Taux d'absorption d'un Matériau Composite à Matrice Polymère. Univ-Skikda

Annexe -2-
(Webinar-ICPSE'25)

Oral Session -1- CO.01-CO.05-09h30'-10h20'

Poster Session-1- CA.01-CA.09-10h30'- 10h54'

Oral Session-2- CO.06-CO.10-11h04'- 12h04'

Poster Session-2- CA.10-CA.18-12h14'- 12h41'

ID	Full Name	Title of Communication
09h30'-10h20'		Oral Session 1- Webinar-ICPSE'25
CO.01	Riad Babba	Évaluation expérimentale du confinement total et partiel par CFRP sur des cylindres en béton. Univ-Tamanghasset
CO.02	Yasser Kessira	Effect of biopolymer and crosslinker concentrations on size, circularity, and morphology of pH sensitive eugenol loaded beads for triggered delivery. ENPolytech-Constantine
CO.03	Badis Kahouadji	Novel Orange-Emitting YPO4:Sm3+/Polymer Nanocomposite Phosphor Films for LED Applications. Univ-Bejaia
CO.04	Boualem Alouche	Conductive Polymer-Tin oxide: Synthesis, Characterization, and Photocatalytic Efficacy for the Elimination of Aqueous Contaminants. Univ.Tiaret
CO.05	Imane Trea	Modélisation biorhéologique de l'écoulement d'un fluide de Herschel–Bulkley à travers une artère sténosée. Univ.USTHB
10h20'- 10h30'		Debate
10h30'- 10h54'		Poster Session 1- Webinar-ICPSE'25
CA.01	Aicha Hazmoune	Olive Pomace-Assisted Synthesis of Mn5O ₈ Photocatalyst for Efficient Basic Fuchsin Removal Under Visible Light. Univ-Constantine 3
CA.02	Benalia Kouini	Investigation the role of the water-based drilling fluid (Na-Bentonite /eco-local polymer) with grass powder Univ-Boumerdes
CA.03	Besma Randa Baali	Analysis of the mechanical behavior of biocomposites made with Epoxy/plant fibers Univ. Boumerdas
CA.04	Fatima Wiam Lebboukh	Contribution of thermophilic bacteria in polymer engineering: Bioproduction of exopolysaccharides under extreme conditions as sustainable biopolymers for industrial applications Univ-Saida
CA.05	Hasna Benkacem	Synthetic Photopolymer manufacturing through Digital Light Processing (DLP) Univ-Setif 1
CA.06	Henen Berrouna	Investigation of the Mechanical Behavior of a PP/Recycled PP Blend by Tensile Testing Univ-Sidi Bel Abbes
CA.07	Marwa Bendaia	Développement de Matériaux composites à base de CaCO ₃ pour la décontamination des effluents industriels Univ-El Tarf
CA.08	Mohammed El Amine Siali	Polyaniline/Cobalt-Exchanged Sodium-rich Bentonite Nanocomposite as an Effective Photocatalyst for Methyl Orange Degradation Univ-Mascara
CA.09	Soumia Atreuch	Synthèse Durable d'un Macromonomère α,ω -Bisinsaturé Dérivé du Poly(NVP-co-MeOx) Univ-Oran
10h54'- 11h04'		Debate

11h04'- 12h04'		Oral Session 2- Webinar-ICPSE'25
ID	Full Name	Title of Communication
CO.06	Nacera Benouadah	Quantitative Analysis of Biopolymers in Algerian Pinus halepensis Univ-Boumerdes
CO.07	Narimane Marwa Boukezzoula	Synthese , Étude structurale , caractérisation d'un complexe "Mn" d'un ligand base de schiff tetradentate N ₂ O ₂ et leur application. Univ-Constantine 1
CO.08	Sarra Benaissa	Development of bionanocomposite films with antibacterial and antioxidant activities Univ-Tlemcen
CO.09	Bousslah Kouka	Vieillessement chimique des tubes en PEHD sous l'effet des hydrocarbures agressifs Univ-Annaba
CO.10	Lyes Maifi	Study of the optical properties of the POE/ZnO nanocomposite polymer CRTSE
12h04'- 12h14'		Debate
12h14'- 12h41'		Poster Session 2- Webinar-ICPSE'25
CA.10	Naima Brinis	Etude comparative de l'efficacité d'inhibition contre la corrosion de l'acier par des revêtements à base de polymères conducteurs Univ-Bejaia
CA.11	Sabrina Belkadi	FTIR analysis of jute fibres and their role in the development of a composite material- Univ-M'sila
CA.12	Saoussen Hamdi	Advanced Valorization of Livestock Keratin Waste: From Biosorbents for Pollutant and Ion Removal to Biodegradable Plastic Films Univ-Skikda
CA.13	Seif Eddine Semassel	L'élimination des polluants présents dans les lixiviats de la CET d'Azzaba en utilisant des coagulants naturels, avec optimisation par le plan Box-Behnken Univ-Skikda
CA.14	Djamel Abdelkebir	Studying the effect of MgO incorporation on the optical properties of unsaturated polyester composites USTHB
CA.15	Naoual Houaidji	Structural, Microstructural and Mechanical Properties of Ni-Cr Milled Powders Univ-El Tarf
CA.16	Ouafa Bounekta	Propriétés du polypropylène chargé par le carbonate de calcium Univ-Setif-1
CA.17	Dehbia Kaouthar Iddou	In silico ADMET and Molecular dynamics studies of series of cycloplatinated Pt(II) complexes. Univ- Saida
CA.18	Noria Mostefai	Computational Study of Acetylcholinesterase Inhibitors and Stability Evaluation of THC@HP-β-CD Univ-Saida
12h41' - 12h51'		Debate
12h51'		Lunch Break