



Laboratoire des Matériaux Polymères Avancés (LMPA)

JEMP2024

Poster Communications Sessions



<i>Schedule</i>	<i>Program Code</i>	<i>Presenting Author</i>	<i>Title</i>	<i>Topic</i>
Session 1 (October, 14th 2024, Afternoon)	PC1	Amel Abalache	Effect of Spanish broom fibers content on thermal, rheological and mechanical properties of Poly(3-hydroxybutyrate-co-3hydroxyvalyrate) biocomposites	Advances in polymer design (T1)
	PC2	Samir Adjel	Study on the fatigue behavior of 316l stainless steel manufactured by WAAM-CMT (wire arc additive manufacturing-cold metal transfer)	Advances in polymer design (T1)
	PC3	Sabrina Ahmima	Study of the effect of alkali and acid treatments on lygeum spartum fiber: application in papermaking	Polymer sustainability (T2)
	PC4	Ibtissam Ameer	Preparation and Characterization of Antioxidant Film Based on chicken feet gelatin for Active Food Packaging Applications	Polymer Applications (T3)
	PC5	Abdelhai Aouaitia	Study of the Diffusion of Irganox 1010 in LDPE/Nanosilica-Based Films	Polymer Applications (T3)
	PC6	Tassadit Aouat	Characterization of Poly(lactic acid)/cellulose films prepared by melt extrusion	Polymer sustainability (T2)
	PC7	Asmaa Badaoui	Swelling behavior of a triple-sensitive hydrogel based on 2(acryloyloxy)ethyl] trimethylammonium chloride: a polymer network chemically crosslinked	Advances in polymer design (T1)
	PC8	Slimane Bekhouche	Development of a molybdenum disulfide (MOs ₂)-based nanocomposites to improve the thermomechanical properties of polybenzoxazine	Polymer Applications (T3)
	PC9	Wafaa Belacheheb	Nanocellulose prepared by acid hydrolysis combined to ultrasonic homogenization of isolated cellulose from Algerian spart fibers.	Polymer sustainability (T2)

	PC10	Khadidja Belalem	In-situ styrene polymerization in the presence of biscyclopentadienyl chloride-titanium/MAO and nanocrystalline cellulose as a support	Polymer sustainability (T2)
	PC11	Amina Ben bouabdallah	Synthesis, characterization and adsorption properties of polyaniline-montmorillonite nanocomposite	Polymer Applications (T3)
	PC12	Nacira Benabdallah	Preparation and characterization of dibenzylideneacetone loaded microparticles for therapeutic purposes	Polymer Applications (T3)
	PC13	Baya Benobeidallah	Flame retarding Polyamide 11 filled with Algerian Palygorskite fibers	Advances in polymer design (T1)
	PC14	Naima Boudieb	Chemical synthesis and electrochemical evaluation of (PANI/PEDOT: PSS/ZnO MnO ₂ TiO ₂ applicable in supercapacitor	Polymer Applications (T3)
	PC15	Fatima Boukraa	Enhanced removal of methylene blue from aqueous solutions using regenerable composite membranes: antifouling performance and flux recovery analysis	Polymer Applications (T3)
	PC16	Imene Boulhaia	Elaboration and characterization of a natural composite material based on colloidal particles of microcrystalline cellulose coated with osa-starch	Polymer sustainability (T2)
	PC17	Loukmene Boumaza	Thermal stability enhancement of cellulose nitrate/diethylene glycol dinitrate composite through lignin biopolymer incorporation	Polymer Applications (T3)
	PC18	Aziza Chabou	Developing a DSSC using the doctor blades method and including polymer electrolytes	Polymer Applications (T3)
	PC19	Kamel Chadi	Design effect of a mini channels heat sink using additive manufacturing	Advances in polymer design (T1)
	PC20	Ghania Dekkiche	The effect of polyethylene glycol on cobalt oxide nanoparticles prepared using sonochemical synthesis	Polymer Applications (T3)
	PC21	Samira Derkaoui	A green one-pot synthesis and polymerization of glyceryl trimethacrylate (GTMA) catalyzed by an ecologic and friendly catalyst layered called maghnite Na ⁺	Polymer sustainability (T2)
	PC22	Linda Gouissem	Preparation of a new shape-stable phase-change material based on expanded perlite, paraffin, epoxy, copper and high-density polyethylene	Polymer Applications (T3)
	PC23	Meriem Guira	Elaboration and characterization of eco-friendly PLA/MOF nanocomposite for industrial technologies	Polymer sustainability (T2)
	PC24	Noura Hamour	Study of the biodegradation of a blend based on the biopolymer PHBV/PP	Polymer Applications (T3)
	PC25	Celia IDRES	Investigation of the impact of eco-friendly treatments on morphology, aspect ratio, crystallinity and tensile properties of agave americana fibers	Polymer sustainability (T2)

Session 2 (October, 15 th 2024, Morning)	PC26	Kahina Iggui	Effect of lignin on the mechanical and antioxidant properties of PHBV/lignin composite	Polymer Applications (T3)
	PC27	Chadia Ihamouchen	Study the mechanical and thermal performance of unsaturated polyester composites	Polymer Applications (T3)
	PC28	Hakim Kherief	Exploring the rheological properties of Algerian condensate gas as a non-newtonian fluid	Petro-chemistry and oil refinery (T4)
	PC29	Hadji Lazreg	Free vibrations analysis of functionally graded polymer composite nanoplates reinforced with graphene nanoplatelets	Polymer Applications (T3)
	PC30	Azouz L'hachemi	Box-behnken design optimization of ibuprofen release from PLLA/cellulose blend	Polymer Applications (T3)
	PC31	Safia Merabet	The effect of annealing on the mechanical properties of PA12 printed by 3D precess (SLS)	Advances in polymer design (T1)
	PC32	Ledia Mersel	Preparation of microcrystalline cellulose-chitosan beads for an enviromental application	Polymer sustainability (T2)
	PC33	Mohamed Kouider Amar	Modeling viscosity in starch-polymer suspensions: a comparative analysis of swarm algorithm-aided ANN optimization	Polymer sustainability (T2)
	PC34	Salima Mosbah	Electrochemical analysis and cyclic voltammetry characterization of new materials	Advances in polymer design (T1)
	PC35	Messaad Moudache	Assessment of the antioxidant potential of an advanced film infused with plant extract on fresh meat shelf life	Polymer Applications (T3)
	PC36	Lamia Moulahcene	Application of a Functional Polymer in adsorption of Pharmaceutical Molecule	Polymer Applications (T3)
	PC37	Hamza Moussa	Ultrasound-assisted extraction of mucilage from blue safflower for advanced applications in polymer materials	Polymer sustainability (T2)
	PC38	Fadila Oulmou	Fire behavior of PA11/neg nanocomposites in presence of boehmite	Polymer sustainability (T2)
	PC39	Adel Ouradi	Polymethyl methacrylate PMMA-zeolite membrane composites: synthesis and characterization	Polymer Applications (T3)
	PC40	Brahim Remila	Renewable resource based biocomposites from Diss fiber and Poly (3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV)	Advances in polymer design (T1)
	PC41	Nabila Rouba epse boughidene	Caractérisation et étude de la biodégradation des mélanges PLA/TPS et de leurs nanobiocomposites PLA/TPS/C30B	Advances in polymer design (T1)
	PC42	Abdelkader Safa	Plaques Sandwiches en FGM sur Fondations Elastiques	Polymer sustainability (T2)
PC43	Manal Safia	Adsorption of eosin y dye onto polyacrylamide hydrogel: equilibrium study and application of langmuir and freundlich isotherm models	Polymer Applications (T3)	
PC44	Samira Sahi	Development and characterization of a composite material based on renewable resources	Polymer sustainability (T2)	

	PC45	Ferhat Sellami	Extraction and transport of Cr(vi) and Zn (ii) ions by polymer inclusion membranes based on polymer blend.	Polymer Applications (T3)
	PC46	Hayet Telli	Optimization of carboxymethyl chitosan gum arab based hydrogel beads for anticancer drugs delivery	Polymer Applications (T3)
	PC47	Atmane Yahiaoui	Elaboration and characterization of biocomposites based on plant fibers	Advances in polymer design (T1)
	PC48	Kattia Yalaoui	Elaboration et caractérisation de composites à base de fibres naturelles PP et Malva : effet du traitement de surface	Polymer Applications (T3)
	PC49	Lynda Zaidi	Effects of attapulgite on Morphological and Properties of Poly(3-hydroxybutyrate-co-3-hydroxyvalerate)	Advances in polymer design (T1)
	PC40	Aymen Zehouani	Elaboration and characterization of hybrid acrylic material	Advances in polymer design (T1)
	PC51	Rahima Zellaoui	Study the reinforcing effect of PLA/SnO ₂ polymer	Advances in polymer design (T1)