

POSTER SESSION

P01	Sven Bach	<i>Early stages of the precipitation of zinc phosphate and cobalt phosphate</i>	Germany
P02	Valérie Massardier-Nageotte	<i>Effect of a biobased plasticizers on thermal and dynamical mechanical properties of PVC/PMMA blends</i>	France
P03	Daniel Eduardo Weibel	<i>Vacuum-ultraviolet degradation and oxidation of poly(vinyl alcohol) films for biodegradation control</i>	Brazil
P04	Dimitrios Bikiaris	<i>Poly(ethylene succinate)/graphene oxide nanocomposites. crystallization and enzymatic hydrolysis behaviour</i>	Greece
P05	Tihomir Solomun	<i>Influence of halophilic bacteria compatible solute ectoine on the cell survival under irradiation</i>	Germany
P06	Michelle S. Liberato	<i>Nanocomposite polymer membranes of PCL modified with peptide micro/nanostructures for drug delivery application</i>	Brazil
P07	Cécile Bignon	<i>Correlation between wettability, roughness and efficiency of barrier cream for skin protection</i>	France
P08	Emilia Woznica	<i>Optimizing polyacrylate microspheres composition for fluorimetric titration</i>	Poland
P09	Laura Breucker	<i>Peptide-decorated polyurethane dispersions</i>	Germany
P10	Jungkyu K. Lee	<i>Non-biofouling polymer films on solid substrates and their efficacy against proteins</i>	South Korea
P11	Achim Weber	<i>Development of chitosan particles for the integration in wound patches using a spray drying process</i>	Germany
P12	Kamel Ouaad	<i>Thermal behaviour of poly (ethyl methacrylate)/bentonite nanocomposites prepared via in situ polymerization initiated by azobis isobutyronitrile (AIBN) or Ni(II)α-Benzoinoxime (NBO) complex</i>	Algeria

P13	Tzu-Wei Wang	<i>Novel magnetic hydroxyapatite nanocrystallite for tumor therapy application: preparation, characterization and targeting</i>	Taiwan
P14	Tzu-Wei Wang	<i>An injectable thermosensitive hydrogel loaded with antioxidant ellagic acid for cartilage tissue engineering</i>	Taiwan
P15	Francesco Maniero	<i>Hexafor 670 in fluorinated polyurethane as a smart material</i>	Italy
P16	Salima Zidane	<i>Spectral characteristics of captopril and hydrochlorothiazide in B-Cyclodextrin</i>	Algeria
P17	Hocine Bouleghlem	<i>Deprotection regioselective of N-Boc-Glucosamine-Acyle by irradiation to the microwaves</i>	Algeria
P18	Noriyuki Kuramoto	<i>Utilization of hydroxypropyl cellulose on preparation of processable highly conductive polyaniline</i>	Japan
P19	Marcin Grobelny	<i>Structural, mechanical and electrochemical characterization of TiO₂/graphene coating system formed on titanium alloy for biomedical application</i>	Poland
P20	Barbara Mendrek	<i>Core-shell polycationic star polymers for use in gene delivery systems</i>	Poland
P21	Joanna Foksowicz-Flaczyk	<i>The effect of ionic liquid on biocidal properties of nanofibres</i>	Poland
P22	Andrzej Dworak	<i>Polyglycidol of different structure coated-surfaces with antifouling properties</i>	Poland
P23	Andrzej Dworak	<i>Triazine stabilized polymethacrylate globules</i>	Poland
P24	Fatma Berna Ilhan	<i>The effects of ZnO crystals synthesized in the presence of carboxymethyl inulin biopolymer on the properties of HDPE polymer</i>	Turkey
P25	Fatma Berna Ilhan	<i>Barrier and mechanical properties of polyhydroxyalkanoate/ hydroxyapatite composites</i>	Turkey

P26	Judyta Walentowska	<i>Investigation on antifungal activity of textile materials protected by silane compounds</i>	Poland
P27	Dominika Pieprzyk-Kokocha	<i>Physicochemical pretreatment of sorghum and miscanthus biomass in the production of 2nd generation bioethanol</i>	Poland
P28	Malgorzata Kalisz	<i>Determination of structural, mechanical and corrosion properties of Nb₂O₅ layer and Nb₂O₅/graphene system, formed on Mg alloys for biocompatible implant applications</i>	Poland
P29	Aleksandra Wawro	<i>Mechanical pretreatment of sorghum and miscanthus biomass in the production of 2nd generation bioethanol</i>	Poland
P30	Georges Vourlias	<i>Developing water purification by resembling natural geological procedures</i>	Greece
P31	Anna Ivanovna Barabanova	<i>Morphology of diblock copolymers with different polydispersity</i>	Russia
P32	Emel Akyol	<i>Effect of corn silk extracts on calcium oxalate crystallization</i>	Turkey
P33	Emel Akyol	<i>The characterization of calcium carbonate obtained under ultrasound irradiation</i>	Turkey
P34	Emel Akyol	<i>Ultrasonication-assisted synthesis of calcium carbonate in the presence of biopolymer</i>	Turkey
P35	Jolanta Batog	<i>Effect of laccase treatment of lignin on bonding of lignocellulosic materials</i>	Poland
P36	Jolanta Batog	<i>Nanostructured lignin as an effective UV blocker for textiles</i>	Poland
P37	Sabri Taleb	<i>Smart materials with switchable wettability by conducting polymers</i>	France
P38	Joanna Rydz-Pawlak	<i>Synthesis of aliphatic polyesters containing proteome components</i>	Bulgaria

P39	Joanna Rydz-Pawlak	<i>Thermal Analysis in the Study of Polymer (Bio)degradation</i>	Bulgaria
P40	Mukund Sibi	<i>Novel acid and alcohol monomers derived from biomass</i>	USA
P41	Alexander Tsvetnikov	<i>Cathode materials based on hydrolytic lignin for lithium chemical energetics</i>	Russia
P42	Claude Forano	<i>Thermostable transketolase based layered double hydroxide biohybrid materials for biocatalysis applications in Ionic Liquid media</i>	France
P43	Claude Forano	<i>Bacteria encapsulated in layered double hydroxides: an efficient bionanocomposite for remediation processes</i>	France
P44	Kadda Benmokhtar Bensassi	<i>Optical and electrical properties of zinc oxide films prepared by spray pyrolysis in (LME.SM)</i>	Algeria
P45	Akira Otsuki	<i>Use of biomolecules for fine mineral beneficiation</i>	France
P46	Ulla König	<i>Responsive nano-biointerfaces based on polymer brushes</i>	Germany
P47	Valeria Jordana Gonzalez Coronel	<i>Preparation and characterization of Furosemide solid dispersions using as carrier Polyacrylamide</i>	Mexico
P48	Janwa El Maiss	<i>Non bioaccumulative low surface energy materials</i>	France
P49	Manuela Ferreira	<i>Development of multifunctional textile: antibacterial (nano-silver) and flame resistance (clay) PLA fibers</i>	France
P50	Andrej Orinak	<i>Degradable iron biomaterials with manganese-doped hydroxyapatite film</i>	Slovak Republic
P51	Renata Orinakova	<i>Evaluation of biocompatibility of iron based degradable biomaterials</i>	Slovak Republic

P52	Anton Manakhov	<i>Deposition of amine-rich films by cyclopropylamine plasma for increased biocompatibility of polycaprolactone nanofibers</i>	Czech Republic
P53	Daniel Gromadzki	<i>Novel bio-based polyesters for tissue engineering</i>	Bulgaria
P54	Pezhman Mohammadi	<i>Next generation fibers through energy dissipating linkage</i>	Finland
P55	Milena Ignatova	<i>Preparation of fibrous materials with antimicrobial properties by tailored attachment of antimicrobial agents to electrospun mats from maleic anhydride copolymer</i>	Bulgaria
P56	Sebastian Rauch	<i>DNA-programmed nanoelectronics</i>	Germany
P57	Joby Kochumalayil Jose	<i>Nacre-inspired xyloglucan/clay biocomposites: effect of interface modification</i>	Sweden
P58	Limunga Meoto	<i>Systematic study of the formation of bio-inspired inorganic nanoporous membranes</i>	UK
P59	Anders Elfving	<i>Conducting DNA origami using metallic polymer</i>	Sweden
P60	Ulviya Bunyatova	<i>Synthesis, characterization and antitumor activity of intercalated BATC...Organo-montmorillonite complexes</i>	Turkey
P61	Suman Mukhopadhyay	<i>Fabrication of Cu (I) porous networks via [2+3] cyclo addition in energy efficient approach: catalytic activity</i>	India
P62	Magdalena Szymanska	<i>The effect of TiO₂ and TiO₂/graphene coating system on mechanical properties and corrosion resistance of magnesium alloy (AZ91)</i>	Poland
P63	Shigemi Kohiki	<i>Magnetoresistance at room temperature of oleic acid-coated Fe_{3-x}CoxO₄ (x = 0.1 and 0.3) nanocrystal drop-cast Films</i>	Japan
P64	Mashooq Kan	<i>Selective avidin/biotin liquid-crystal droplet biosensor</i>	South Korea

P65	Alena Siskova	<i>Controlled release system based on the silk carriers produced by electrospinning</i>	Slovak Republic
P66	Alena Siskova	<i>Preparation of functional materials from well characterized biodegradable co-polyesters for application in agriculture.</i>	Slovak Republic
P67	Pedro Martins	<i>Improving recyclability of photocatalytic TiO₂ by its incorporation into PVDF-TrFE membranes</i>	Portugal
P68	Pedro Martins	<i>Processing and characterization of Gd₂O₃:Eu³⁺/PPO/POPOP/PVDF composites for indirect X-ray detection</i>	Portugal
P69	Natasha Maurmann	<i>3D-Printed scaffolds plus electrospinning for use in tissue engineering</i>	Brazil
P70	Dodda Jagan Mohan	<i>Properties of different polyamide skin layer in the formation of thin film composite membranes for inorganic solute separations</i>	Czech Republic
P71	Kasinee Prakobna	<i>Bioinspired nanocomposite based on core-shell holocellulose nanofibers from wood</i>	Sweden
P72	Fengshuo Hu	<i>Toughening vinyl ester resins using bio-based grafted epoxidized soybean oil with a minimal Tg reduction</i>	USA
P73	Li-Cheng Song	<i>Synthesis and structural characterization of mononuclear iron model complexes of [Fe]hydrogenase that contain an acylmethyl-pyridinol ligand</i>	China
P74	Abdoulaye Drame	<i>Duplication in short F-butyl chains: an answer to the bioaccumulation?</i>	Senegal
P75	Tzong-Yuan Juang	<i>Covalent immobilization of a microbial γ-glutamyltranspeptidase onto surface-functionized hyperbranched poly(amido acids) magnetic nanocarriers</i>	Taiwan
P76	Elena Celia	<i>Superhydrophobic and anti-bioadhesive surface with different scales of roughness</i>	France
P77	Clarisse Ribeiro	<i>Osteogenic differentiation of human adipose stem cells by dynamic piezoelectric stimulation</i>	Portugal

P78	Juan-carlos Cheang-Wong	<i>Tuning the optical properties of regular arrays of metallic nanostructures fabricated by ion implantation</i>	Mexico
P79	Norihisa Katayama	<i>FT-IR study on molecular structure for mimicking of spider's threads</i>	Japan
P80	Barbara Trzebicka	<i>Thermoresponsive nanoparticles with mixed polymer core</i>	Poland
P81	Andrea C. Galvis-Sanchez	<i>Eutectic mixtures as biodegradable plasticizer for chitosan films</i>	Portugal
P82	Aline Miller	<i>Self-assembling peptidyl-oligonucleotide hydrogels for application in diagnostics and biomedicine</i>	UK
P83	Aurora Caldarelli	<i>Development of nanostructured superhydrophobic coatings on different substrates: deposition technologies, wetting performances and durability</i>	Italy
P84	Emilie Barou	<i>Engineering of odorant-binding proteins for biosensor design</i>	France
P85	Juliette Merle	<i>Tannin-based foam made with lignins and condensed and hydrolyzable tannins</i>	France
P86	Daniela Correia	<i>Processing of piezoelectric poly(vinylidene fluoride) electrospayed microspheres for tissue engineering applications</i>	Portugal
P87	Giulia Morgese	<i>Biocompatible and bioinert bottle-brush copolymers adsorbates with lubricating properties</i>	Switzerland
P88	Ewa Krysiak	<i>Morphology and dielectric properties of composites based on organogels obtained via ATRP comprising titanium dioxide nanoparticles</i>	Poland
P89	Aurimas Bieliauskas	<i>Synthesis of new cationic 3H-indolium dyes and investigation of their halochromic, solvatochromic and photochromic properties</i>	Lithuania
P90	Viktoriiia Boiko	<i>Adhesion of bio-inspired micropillar systems on rough surfaces</i>	Germany

P91	Rafaella Paschaolin	<i>Solution blow spinning of biodegradable nanofibers for use in tissue engineering</i>	Brazil
P92	Stanley E. R. Bilatto	<i>Physico-chemical characterization of conductive Nylon/Polypyrrole electrocpun nanofibers</i>	Brazil
P93	Judit Horváth	<i>Chemomechanical oscillations without oscillatory chemical reaction, based on a synergetic concept</i>	Hungary
P94	Nandika Priyantha Bandara	<i>Improving adhesion properties of canola protein based wood adhesive using nano materials</i>	Canada
P95	Justyna Komasa	<i>Thermosensitive polymers grafted by pre-irradiation method on polypropylene dishes as new substrates for cell sheet engineering</i>	Poland
P96	Yi Zhao	<i>Biodegradation of methacrylate-based polymers</i>	France
P97	Yi Zhao	<i>Biodegradation of non cross-linked part of molecularly imprinted polymer</i>	France
P98	Sonia Lanzalaco	<i>Sterilization of three-dimensional tissue engineering scaffolds by supercritical carbon dioxide</i>	Italy
P99	Omer Yerro	<i>Dental restorative material with self healing characteristics</i>	Serbia
P100	Katarzyna Chojnacka	<i>Using SEM-EDX in surface studies of new bio-sorbents (berries seeds residues)</i>	Poland
P101	Mateusz Samoraj	<i>Pilot plant production of new micronutrient biocomponents based on blackcurrant seeds</i>	Poland
P102	Benedetto Schiavo	<i>Hydrothermal liquefaction of microalgae in the presence of transition metal salts</i>	Italy
P103	Benedetto Schiavo	<i>A continuous reaction system for hydrothermal liquefaction of microalgae</i>	Italy

P104	Gabriela Dziworska	<i>Polymer materials and Composites prepared from plant biomass</i>	Poland
P105	Özge Ulu	<i>Cefazolin release from blend of HAP/HPMC/MCC biodegradable tablets</i>	Turkey
P106	Didier Gasparutto	<i>Synthesis of multibranched porphyrin–DNA scaffolds for the construction of bioinspired nano-architectures</i>	France
P107	Arnaud Zenerino	<i>Synthesis of ceramic Janus nanoparticles via a Pickering emulsion method</i>	France
P108	Claudio Mortier	<i>Influence of the size and position of hydrocarbon substituents on the hydrophobic behavior of 3,4-propylenedioxythiophene</i>	France
P109	Hervé Bellanger	<i>Chemical modification for preserving aesthetics of wood surfaces</i>	Switzerland
P110	Chahinez Benbayer	<i>Organoclays based on fluorinated surfmers and their corresponding polystyrene nanocomposites. Structure-properties relationship study</i>	Algeria
P111	Athanasios Porfyris	<i>Evaluating polycondensation reactions in a TGA micro-reactor</i>	Greece
P112	Fredrik Bäcklund	<i>Amyloid fibrils as dispersing agents for oligothiophenes: control of photophysical properties through nano scale templating and flow induced fibril alignment</i>	Germany
P113	Bahia Meroufel	<i>Removal of hazardous cationic dye “methyl green” from aqueous solutions onto natural kaolin and modified kaolin by batch design</i>	France
P114	Katia Chebout-Ayouz	<i>Nanostructured vanadium pentoxide v2o5 thin films For gas sensor applications</i>	Algeria
P115	Nouria Bouchikhi	<i>Swelling study of thermo-responsive elastomers, new approach to use them as molecular imprinting materials.</i>	Algeria
P116	Yamina Sefir	<i>Effect of the structural parameters on subbands of fibonacci AlxGa1-xAs/GaAs superlattices</i>	Algeria

P117	Amar Djadoun	<i>Characterization and catalytic reactivity of MnOx-CeO2 mixed oxides prepared via a redox and classic coprecipitation methods</i>	Algeria
P118	Amar Djadoun	<i>Formation and crystalline growth of Fe3O4 spinel phase synthesized in alkali medium</i>	Algeria
P119	Amar Djadoun	<i>Clay loading effect on morphology and thermal stability of poly (ethyl methacrylate-co-acrylonitrile) nanocomposites prepared via solution method in presence of an Algerian bentonite</i>	Algeria
P120	Fatima Zahra Beraich	<i>Development and acceleration of biogas for the mixture of different substrates</i>	Morocco
P121	Vladimir Agabekov	<i>Formation of patterned thin Films using Langmuir-Blodgett method</i>	Belarus
P122	Chahrazed Abdellahoum	<i>Numerical study of turbulent flow of nanofluids</i>	Algeria
P123	Aiki Douka	<i>Enzymatic/solid state polymerization: an alternative two-step process for the preparation of poly(butylene succinate)</i>	Greece
P124	Oum El Kheir Hadj Rahmoun	<i>Study and simulation of a liquid mixture in a passive micro-mixer</i>	Algeria
P125	Oum El Kheir Hadj Rahmoun	<i>Study and optimization of the electric double layer capacitance based on the modified Poisson-Boltzmann model for DNA surface hybridization using response surface methodology</i>	Algeria
P126	Mohamed Amine Zenasni	<i>Preparation of nanocomposites based on biodegradable polycaprolactone by melt mixture</i>	Algeria
P127	Naima Krachai	<i>Study and monitoring of pollution by PAHs and heavy metals on the west coast of Algeria</i>	Algeria
P128	Assia Boukezzata	<i>Surface modification of a-Si0.67C0.33:H films by Al-assisted photochemical etching : humidity sensing application</i>	Algeria
P129	Djamel-eddine Hamoudi	<i>Mathematical approach in determining the degree of overheating of the liquid iron and technical parameters influencing the running of the cupola with hot and cold wind</i>	Algeria
P130	Djamel-eddine Hamoudi	<i>Study of the kinetics of the elimination of hydrogen from copper alloys</i>	Algeria

P131

Ouahiba
Bechiri

*Synthesis and characterisation of new materials
polyanioniques substitute by Co^{2+}*

Algeria