

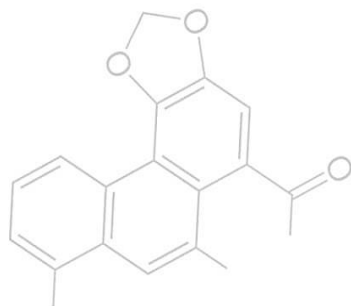
Democratic and Popular Republic of Algeria
Ministry of Higher Education and Scientific Research
General Directorate for Scientific Research and Technological Development

University of Sciences and Technology Houari Boumediene
Chemistry Faculty
Polymer Materials Laboratory



Program

International Conference on Polymer Materials USTHB, Algiers 03 & 04 July 2022



Organizers



Sponsors



Sunday 03th July 2022

08h30: Registration Open (Conference Room)

09h00: Opening Ceremony

09h30 - 10h30: Plenary Conference 1:10h30 -

11h00: Coffee break

11h00 - 12h00: Plenary Conference

12h00 -14h00: Lunch

14h00 - 15h15: Oral session 1

15h15 - 16h00: Coffee break and poster session 1

16h00 - 17h00: Oral session 2

Monday 04th July 2022

09.00 - 10h00: Plenary Conference 3

10.00 - 10h45: Coffee break and poster session 2

10h45 - 12h00: Oral Session 3

12h00 -12h30: Closing Ceremony

12h30- 14h00: Lunch

Sunday 03th July 2022- The morning

08h30: Registration Open (Conference Room)

09h00: Opening Ceremony

Prof. Assia Siham HADJ-HAMOU, Chairwoman of ICPM 2022. Dean of chemistry faculty USTHB, Algeria

Official Opening of ICPM 2022

Prof. Djamel-Eddine AKRETICHE, Honorary chairman of the conference. Rector of l'U.S.TH.B, Algeria

Prof Said DJADOUN Honorary chairman of the conference

Plenary session 1

Plenary 1

Chairman

Prof. Naima BELHANECHÉ / ENP, Algiers, Algeria

09h30-10h30

Abdesselam DAHOUN

Ecole des Mines de Nancy – Institut Jean Lamour, Université de Lorraine

Title

Détermination des lois de comportement intrinsèque et de l'évolution microstructurale des polymères aux grandes déformations plastiques

10h30-11h00

Coffee break

Plenary 2

Chairman

Prof. Djafer BENACHOUR. Univ. SETIF, Setif, Algeria

11h00-12h00

Sinan UZUNLU

Alanya Alaaddin Keykubat University, Alanya/Antalya,

TÜRKİYE

Title

Active and Intelligent Food Packaging in the Light of Sustainability

12h00-14h00

Lunch break



Sunday 03th July 2022- Afternoon

Oral and poster Sessions

14h00-15h15

Oral Session 1

15h15- 16h00

Coffee break and poster session 1

16h00- 17h00

Oral Session 2

Monday 04th July 2022

Plenary session

Plenary 3

Chairman

Prof. Djamel ALLIOUCHE, Univ. Boumerdes, Algeria

09h00-10h00

Taieb AOUAK

King Saud University, P.O. Box 2455, Riyadh 11451, Saudi Arabic.

Title

L'application de polymères dans le domaine de la médecine, pétrochimie et de l'agriculture

10h00-10h45

Coffee break and Poster Session 2

10h45-12h00

Oral session 3

12h00-12h30

Closing Ceremony

12h30-14h00

Lunch break

Sunday 03th July

14h00 -15h15

Topic 1. Biobased and biodegradable polymers

Oral SESSION 1

Room 1

Reporters: Prof. METREF F. Univ USTHB, Algeria/ Prof. HABI A. Univ Béjaia, Algeria /

Time	DOCID	Name/First Name	TITLE	Univ.
14h00-14H15	394687	Sadi Amina	BIO-NANOCOMPOSITE FILMS OF CELLULOSE ACETATE BUTYRATE INCORPORATING ANTIMICROBIAL/ANTIOXIDANT AGENTS TOWARDS SUSTAINABLE DEVELOPPEMENT OF ACTIVE PACKAGING	USTHB
14h15-14h30	393233	Zenasni Mohamed Amine	BIODEGRADABLE POLY(LACTIC ACID)/KAOLIN CLAY NANOCOMPOSITES PREPARED BY MELT MIXTURE	Univ. Tlemcen
14h30-14h45	394717	Chaoui Saliha	ELABORATION ET CARACTERISATAION D'UN SYSTEME HYBRIDE A BASE DE POLY (ACIDE LACTIQUE) ET MONTMORILLONITE NON MODIFIEE	Univ. Setif 1
14h45-15h00	392104	Guemra Kaddour	ESTERIFICATION AND ETHERIFICATION OF CORN STARCH BY CHLORIDE 1-BUTYL-3-METHYLIMIDAZOLIUM [BMIM]CL	Univ. Sidi Bel Abbes

Topic 2. Functional, intelligent polymers and polymeric membranes

14h00 -15h15

Oral SESSION 1

Room 2

Reporters: Prof. AOUAK T. Univ. King Saud Saoudie Arabic | Prof. FERFERA-HARRAR H. Univ STHB, Algeria

Time	DOCID	Name/First name	Title	Uni v.
14h00-14H15	392916	Hammadi Meriem Houda	PREPARATION ET CARACTERISATION DE MEMBRANE POLYMERIQUE A INCLUSION	Univ. Bejaia
14h15-14h30	392911	Derouiche Yazid	DIELECTRIC AND ELECTRO-OPTICAL PROPERTIES OF THIN FILMS OF ACRYLIC/LIQUID CRYSTAL SYSTEMS	Univ. Djelfa
14h30-14h45	392066	Bakouri Hichem	NOUVEAU EMBALLAGE BIODÉGRADABLE FONCTIONNEL ET INTELLIGENT EN INCORPORANT DE LA CURCUMINE ET DU NANO-SIO ₂ DANS UN FILM D'AMIDON/ALCOOL POLYVINYLIQUE	Univ. Sidi Bel Abbes
14h45- 15h00	394226	Terkmane Naila	OPTIMISATION DE LA SYNTHÈSE DES DERIVES ANTI-OXYDANTS DE L'INULINE	Univ. Medea

Topic 3. Manufacturing, processing and recycling of polymers

14h00 -15h15

Oral SESSION 1

Room 3

Reporters: Prof. BELHANECHÉ N., ENP d'Alger, Algeria / Prof. KADDOUR S., USTHB, Algeria

Time	DOCID	Name/First name	Title	Univ.
14h00-14H15	394502	Cherifi Nabila	LES COPOLMERES A GRADIENTS DE COMPOSITIONS : ARCHITECTURES CONTROLÉES POUR APPLICATIONS CIBLEES	CRAPC USTHB
14h15-14h30	392913	Bouchakour Mohamed	RIGID POLYURETHANE FOAMS THROUGH THE GLYCOLYSIS REACTION OF RECYCLED POLYETHYLENE TEREPHTHALATE PET BOTTLES	Univ. Djelfa
14h30-14h45	392658	Louzri Fatma	ETUDE DE LA CINÉTIQUE DE LIBÉRATION CONTRÔLÉE DEFERTILISANTS DES HYDROGELS A BASE D'ACIDE ACRYLIQUE	USTHB

Sunday 03th July

16h00 -17h00

Topic 1. Biobased and biodegradable polymers

Oral SESSION 2

Room 1

Reporters: Prof. BOUHELAL S. Univ Setif, Algeria / Dr. ABDELLAOUI N. Univ STHB, Algiers, Algeria

Time	DOCID	Name/First Name	TITLE	Univ.
16h00-16h15	387112	Salima Hocine	BIODEGRADABLE PVA-G-POLY (AA-CO-AMPS) HYDROGELS AS PROMISING MATERIALS FOR PROTEIN ADSORPTION AND DRUG DELIVERY	Univ. Boumerdes
16h15-16h30	392629	Benhalima Tayeb	MAGNETIC ADSORBENT BASED ON CARBOXYMETHYL CELLULOSE FOR METHYLENE BLUE UPTAKE FROM AQUEOUS MEDIA	USTHB
16h30-16h45	393113	Lounis Ferial	MICROENCAPSULATION DE L'HUILE ESSENTIELLE DE CLOUS DE GIROFLE DANS UNE MATRICE A BASE DE BIOPLOYMERE A LIBERATION CIBLEE	USTHB
16h45- 17h00	393015	Aouak Taieb	NEW METHOD BASED ON DIRECT ANALYSIS IN REAL TIME COUPLED WITH TIME-OF-FLIGHT MASS SPECTROMETRY (DART-TOF- MS) FOR INVESTIGATION THE MISCIBILITY OF POLYMER BLENDS	Univ. King Saud

Sunday 03th July

16h00 -17h00

Topic 2. Functional, intelligent polymers and polymeric membranes

Oral SESSION 2

Room 2

Reporters: Prof. AROUS O. Univ.STHB, Algiers? Algeria | Prof. ELMILOUDI K. Univ. Chlef, Algeria

Time	DOCID	Name/First Name	TITLE	Univ.
16h00-16h15	387180	Hadjou Belaid Zakia	CONCEPTUAL DFT ELUCIDATION OF THE REACTION MECHANISMIN POLYSULFONE PSF AND POLYETHYLENE GLYCOL PEG MEMBRANES	Univ. Tlemcen
16h15-16h30	394496	Baït Nadia	HYDROGELS DU POLYACRYLAMIDE : RELATION STRUCTURE- RHEOLOGIE-ADHESION ET APPLICATION A L'ELABORATION D'UN SYSTEME DE RELARGAGE TRANSDERMIQUE	UR-ADTE/ CRAPC USTHB
16h30-16h45	392682	Bensaadi Sofiane	MEMBRANES POLYMERES: CARACTERISATION ET APPLICATION A LA SEPARATION DES TERRES RARES.	USTHB
16h45- 17h00	394485	Berber Yassine	MODIFICATION DE MEMBRANES DE POLYETHERSUFONE SULPHONE (SPES) : APPLICATION A L'ELIMINATION DES METAUX LOURDS	USTHB
17h00-17h15	391033	Seddiki Nesrinne	HYDROGEL WITH HIGH LAPONITE CONTENT AS NANOCLAY : SYNTHESIS AND SWELLING BEHAVIOR	Univ. Boumerdes

Monday 04th July 10h45 – 12h00

Topic 1. Biobased and biodegradable polymers **Oral SESSION 3**

[Room 1](#)

Reporters: Prof. UZUNLU S., Univ Alanya, TÜRKİYE / DAHOUN A. Univ de Lorraine, France

Time	DOCID	Name/First Name	TITLE	Univ.
10h45-11h00	392188	Chabane Naziha	FROM ABSINTHE EXTRACTION OF HYDROCARBON-RICH CYCLIC TERPENE TO METHACRYLIC THERMOPLASTIC POLYMER	Univ. Tlemcen
11h00-11h15	392937	Alane Arezki	OPUNTIA FICUS INDICA FIBERS AS REINFORCEMENT IN BIOPOLYMERBASED BIOCOSMOSI	Univ. Bejaia
11h15-11h30	393014	Benchikh Lilia	EXTRUDED POLY(ETHYLENE-CO-VINYL ALCOHOL) COMPOSITE FILMS REINFORCED WITH CELLULOSIC FIBERS ISOLATED FROM TWO LOCAL ABUNDONATES PLANTS : A RHEOLOGICAL CHARACTERIZATION	Univ. Constantine
11h30- 11h45	392976	Oulmou Fadila	POLYAMIDE 11 FLAME RETARDED WITH EXPANDABLE GRAPHITE	Univ. Bejaia

Monday 04th July 10h45 – 12h00

Topic 1. Biobased and biodegradable polymers **Oral SESSION 3**

[Room 2](#)

Reporters: Prof. BOUSLAH N., Univ STHB, Algeria / Prof BENNOUR S. , Univ STHB, Algeria

Time	DOCID	Name/First Name	TITLE	Univ.
10h45-11h00	392912	Remila Brahim	EXPLORING THE POTENTIAL OF PLANT FIBERS FOR BIOCOSMOSITES REINFORCEMENT THROUGH A STRUCTURAL, THERMAL AND MECHANICAL ANALYSIS	Univ. Bejaia
11h00-11h15	393089	Idres Celia	EFFECT OF FIBER CONTENT ON PROPERTIES OF POLY (3-HYDROXYBUTYRATE-CO-3-HYDROXYHEXANOATE) (PHBHHX) / AGAVE FIBERS (AF) BIOCOSMOSITES	Univ. Bejaia
11h15-11h30	392930	Bouakaz Boubkeur Seddik	ETUDE ET MODELISATION DU COMPORTEMENT VISCOELASTIQUE DES NANOCOSMOSITES BINAIRES ET TERNAIRES A MATRICE POLYCAPROLACTONE	Univ. Bejaia
11h30-11h45	392770	Bouider Badiaa	RHEOLOGICAL PROPERTIES OF BIODEGRADABLE POLYLACTIC ACID/MOF@GO FIBER COMPOSITES	Univ. Bejaia

POSTER SESSION

Sunday 03th July

Coffee Break

Poster Session 1 15h15 – 16h00

Topic 1. Biobased and biodegradable polymers

Reporters:

Prof. METREF F., Univ STHB, Algeria

Prof. BOUHELAL S., Univ Setif, Algeria

Poster	DOCID	Name/FirstName	TITLE	Univ.
P1	394174	Zerigui Hafida	SYNTHESIS OF A NEW MONOMER AND BIOSOURCE POLYMER CATALYSED BY MAGHNITE H+	Univ. Oran 1
P2	392542	Djahnit Leila	UTILISATION DE MATERIAUX COMPOSITES MAGNETIQUES A BASE DE CALAMINE POUR LA REALISATION DE COMPOSANTS PASSIFS AU MICRO-ONDES	Univ. Chlef
P3	393880	Sanaa Merad	ALGINATE-ACTIVATED BENTONITE COMPOSITE BEADS AS HIGHLY EFFECTIVE ADSORBENT FOR CATIONIC DYE	Univ. Tlemcen
P4	392096	Sadaoui-Kacel Sihem	APPORT DE LA MATRICE POLYMERIQUE EN POLY CHLORURE DE VINYLE (PVC) AU GREFFAGE COVALENT D'UN COMPLEXE METALLIQUE DE MANGANESE.	Univ. Boumerdes
P5	393028	Zerguine Narimene	PROPRIETES MECANIQUES ET THERMIQUES DES NANOCOMPOSITES A BASE DE POLYPROPYLENE ISOTACTIQUE -GRAPHENE ELABORES PAR EXTRUSION REACTIVE	Univ. Setif-1
P6	392792	Amior Aicha	INNOVATIVE NANOCELLULOSE-BASED MATERIAL FROM LIGNOCELLULOSIC BIOMASS-TOWARDS A BIG SPECTRIUM OF APPLICATIONS	Univ. Guelma.
P7	392895	Bounabi Leila	DEVELOPMENT AND CHARACTERIZATION OF POLYACRYLAMIDE/XANTHAN GUM BLEND BIONANOCOMPOSITES.	USTHB
P8	394275	Daoud Loubna	FERTILIZER CONTROLLED RELEASE OF GRAFTED HYDROGEL BASED ON CROTONIC ACID	USTHB

Poster Session 1 15h15 – 16h00

Topic 2. Functional, intelligent polymers and polymeric membranes

Reporters:

Prof. BENNOUR S., Univ STHB, Algeria

Dr. BENHACINE F., Univ STHB, Algeria

Poster	DOCID	Name/FirstName	TITLE	Univ.
P9	394078	Saad Saoud Fairouz	ELABORATION ET CARACTERISATION DE NOUVELLES MEMBRANES POLYMERIQUES PLASTIFIEES	USTHB
P10	395124	Belkham Nour-El-Houda	ELABORATION ET ETUDE PHYSICO-CHIMIQUE D'UN MATERIAU HYBRIDE A MATRICE ORGANIQUE PP/HDL	Univ. Setif 1
P11	394484	Bendeddouche Djazia	ELABORATION ET ETUDE PRELIMINAIRE DES COPOLYMERES ACRYLIQUES AYANT UNE MEMOIRE DE FORME	Univ. Tlemcen
P12	394394	Touzout Zineb	ELABORATION OF POLYSULFONE MEMBRANE (PSU): APPLICATION FOR THE TREATMENT OF POLLUTED WATER	USTHB
P13	392090	Ghazoul Tahir	FREE VIBRATION OF CNT-PMPV POLYMER COMPOSITE SANDWICH PLATES	Univ. Sidi Bel Abbes
P14	392295	Boudedja Amar	MODELING THE ELASTIC-VISCOPLASTIC BEHAVIOR OF THERMOPLASTIC POLYMERS	Univ. Tizi Ouzou
P15	391030	Belhaoues Abderrahmane	THERMAL CHARACTERIZATION OF NATURAL RUBBER-POLYPROPYLENE THERMOPLASTIC ELASTOMER BLEND	Univ. Setif-1

Topic 3. Manufacturing, processing and recycling of polymers

Poster Session 1 15h15 – 16h00

Reporters:

Prof. HABI A., Univ. Bejaia, Algeria

Dr. IREKTI A. , Univ Boumerdes, Algeria

Poster	DOCID	Name/FirstName	TITLE	Univ.
P17	392190	Boussak Hassina	SYNTHESIS AND PHYSICO-CHEMICAL PROPERTIES OF A POLYVINYL ACETATE BINDER ADDED IN A VINYL PAINT	Univ. Boumerdes
P18	394185	Debbah Ismahane	IMPACT OF COMPATIBILIZER AND ABS TYPE ON THE MECHANICAL AND THERMAL PROPERTIES OF PC/ABS BLEND	Univ. Setif 1
P19	399557	Hammadou Souad	LIQUID HYDROCARBON FRACTIONS FROM VACUUM CRACKING OF POLYMER WASTE AS FEEDSTOCK OF ENGINE FUELS	Univ. Boumerdes
P20	392048	Hadjira Otmani	CARACTERISATION CHIMIQUES ET STRUCTURALES D'UN NANOPARTICULES HYBRIDES DE COPOLYMERE ACRYLIQUE/MMT EN MINIEMULSION	Univ. Oran 1
P21	397386	Badis Dalila	ADSORPTION BEHAVIOR OF METHYLENE BLUE ONTO ROSMARINUS OFFICINALIS : PROCESS OPTIMIZATION, KINETICS AND EQUILIBRIUM	Univ. Blida

Monday 04th July Coffee Break

Poster Session 2 10h00 – 10h45

Reporters:

Prof. BENABDELGHANI Z. , Univ STHB, Algeria

Prof. ELMILOUDI K. Univ Chlef, Algeria

Topic 1. Biobased and biodegradable polymer

Poster	DOCID	Name/FirstName	TITLE	Univ.
P1	392729	Benobeidallah Baya	PHOTOXYDATION AGING OF POLYAMIDE 11/ PLYGORSKITE NANOCOMPOSITES	Univ. Bejaia
P2	394200	Benzemra Nosseiba	STUDY AND CHARACTERIZATION OF CARBOXYMETHYLCELLULOSE (NACMC) - ZWITERIONIC SURFACTANT MIXTURE IN AQUEOUS SOLUTION BY CONDUCTIVITY AND VISCOSITY TECHNIQUES	Univ. Tlemcen
P3	395362	Baziz Meriem	SYNTHESES ACTIVEE PAR MICRO-ONDES ET CARACTERISATIONS DE FILMS BIOCOMPOSITES	Univ. ST Oran
P4	392523	Betraoui Amina	SYNTHESIS AND CHARACTERIZATION OF POLYMER HYDROGELS BASED ON AGAR-AGAR POLYSACCHARIDES	Univ. Boumerdes
P5	394494	Boulaadjoul Soumia	TREATMENT OF PAPER MILL EFFLUENT USING PLANT BASED- POLYMER	USTHB
P6	393022	Benzerafa Asma	SYNTHESIS AND PROPERTIES OF A NEW BIO-COMPOSITE BASED ON CONDUCTIVE POLYANILINE HIGHLY SOLUBLE IN N- METHYL-2-PYRROLIDONE	USTHB
P7	394657	Ouaad Kamal	ELABORATION PAR VOIE SOLUTION D'UN MELANGE BINAIRE ET TERNAIRE A BASE D'UN POLYMERE SYNTHETIQUE ET D'UN BIOPOLYMERE. CARACTERISATION ET ETUDE DES PROPRIETES.	Univ. Boumerdes
P8	393028	Ykene Zohra	DIELECTRIC BEHAVIOR STUDY OF DIGLYCIDYL ETHER OF BISPHENOL A CHARGED	Univ. Boumerdes
P9	39477	Chiboub Nawal	ELABORATION OF NANOCOMPOSITES BASED ON CELLULOSE EXTRACTED FROM FRUITS AND LEAVES OF PLANE TREE	USTHB
10	392974	Sadoun Ounissa	FORMULATION ET OPTIMISATION DES MICROSPHERES DE POLY(μ -CAPROLACTONE) CONTENANT UN ANTIHYPERTENSEUR	Univ. Bejaia

Poster Session 2 10h00 – 10h45

Topic 2. Functional, intelligent polymers and polymeric membranes

Reporters:

Prof. FERFERA-HARRAR H., Univ STHB, Algeria

Prof KADDOUR S., Univ USTHB, Algeria

Poster	DOCID	Name/FirstName	TITLE	Univ.
P11	393838	Zaabal Moufida	POLYPYRROLE FILM MODIFIED ELECTRODE AS A SENSOR FOR DETERMINATION OF ADEFOVIR	Univ. Laghouat
P12	392967	Lamraoui Hamoudi	REMOVAL OF THE MELAMINE FROM WATER USING A FUNCTIONALIZED POLY (VINYL CHLORIDE) RESIN	Univ. Batna 1
P13	391614	Bouriche Sabrina	SMART MEMBRANE ABSORBING RADAR WAVES BASED ON POLYVINYL CHLORIDE / GRAPHENE	Univ. Blida
P14	393000	Ghebache Zohra	SYNTHESIS AND CHARACTERIZATION OF PANI/AC/ CELLULOSE ACETATE	USTHB
P15	394358	Oucif Amel	SYNTHESIS OF POLY (2-HYDROXYETHYLMETHACRYLATE-CO-2-HYDROXYETHYLACRYLATE) HYDROGELS FOR DRUG LOADING AND RELEASE SYSTEMS	USTHB
P16	394361	Benhacine Fayçal	PREPARATION MEMBRANES ULTRAFILTRATION HYBRIDE A BASE DE BIOPOLYMERES PCL ET DES NANOPARTICULES DE ZNO POUR LES APPLICATIONS DE TRAITEMENT DES EAUX.	USTHB
P17	394472	Bouzouia Fatiha	NANOCOMPOSITES A MATRICE POLYMERE; EFFET SYNERGIE DE DEUX TYPES DE NANOCHARGES (OBT ET NPG) SUR LA STABILITE ET LA CINETIQUE THERMIQUE	USTHB
P18	393021	Seray Manel	ELABORATION, CARACTERISATION DE FILMS D'EMBALLAGES ACTIFS PBAT/ZNO ET PBAT/AG-MMT POUR LA CONSERVATION DE LA DAURADE FRAICHE	USTHB

12h00-12h30

Closing Ceremony

12h30-14h00

Lunch break