

XIIth Franco-Romanian Symposium on Polymers

5-7 September 2016

Sophia Antipolis, France

Program

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Monday 5 September

09h45 – 10h00	Opening
10h00 – 10h30	Plenary 1. Mihail Barboiu: Dynamic Constitutional Frameworks
10h30 – 10h50	O1. Véronique Bennevault : Study of temperature sensitive supramolecular self-assemblies based on per-6-polyethylene oxide- β -cyclodextrin and a,w-Di-(adamantylethyl)poly(<i>N</i> -isopropylacrylamide) in water
10h50 – 11h10	O2. Nesrine Harfouche : Electropolymerized polyaniline composite films as cathode material for Li-ion batteries
11h10 – 11h30	O3. Luc Picton : Rheological study of cross-linked hydrogels based on hyaluronic acid, collagen and serecin
11h30 – 11h50	O4. Belén Levenfeld : Application du moulage par injection et de l'extrusion de poudres à l'obtention de composants pour dispositifs électrochimiques
11h50 – 12h10	O5. Edith Peuvrel-Disder : Nanocomposites polypropylène/argile organomodifiée : Vers la détermination de conditions optimales d'extrusion
12h10	Lunch
13h30 – 13h50	O6. Ariane Aubin : Block copolymers based on semi-crystalline and amorphous chains: synthesis and crystallization properties
13h50 – 14h10	O7. Magdalena-Cristina Stanciu : New amphiphilic dextran-block-bile acid polyesters linked via 1,2,3-triazole
14h10 – 14h30	O8. Patrick Martin : The α -Amylase immobilization in gellan particles ionic crosslinked with magnesium acetate solution
14h30 – 14h50	O9. Lucian-Mircea Rusnac : Sur la biodegradation des copolymères avec hydrate de carbone en molécule
14h50 – 15h10	O10. Marcel Popa :Design and release studies of new cephalosporin from chitosan-g-poly(glycidyl methacrylate) microparticles
15h10 – 15h30	O11. David Geta : Design and synthesis of multicomponent 3D matrices for biomedical uses
15h30 – 15h50	O12. Jean-François Chailan : Comparison of natural humid tropical and artificial ageing effects on UD glass fibre epoxy matrix composites: interphase evolutions
15h50 – 16h10	O13. Marin Luminita : Dual crosslinking of chitosan with monoaldehydes – a promising pathway toward advanced materials
16h10 – 17h30	Poster session

Tuesday 6 September

09h00 – 09h20	O14. Alexis Lemattre : Flame retardancy of polymers: principle and application to unsaturated polyester resin
09h20 – 09h40	O15. Manuela-Maria Iftime : Preparation and characterization of super-porous hydrogels based on chitosan
09h40 – 10h00	O16. Alice Mija : Biobased epoxy thermosets
10h00 – 10h20	O17. Loan Vo : Effects of the nature of atmosphere during thermal treatment on chemical

	compositions and properties of miscanthus. Application to miscanthus-filled concrete
10h20 – 10h40	O18. Angela Marotta : Current scenario on bio-based epoxy and epoxy-phenolic resins
10h40 – 11h10	Break
11h10 – 11h30	O19. Adina Arvinte : Sol-gel based nanocomposite materials in electrochemical sensors for analytical applications
11h30 – 11h50	O20. Andreea Laura Chibac : Visible light photocatalytic activity of some hybrid polymeric composites
11h50 – 12h20	Plenary 2. Thierry Hamaide : Copolymères diblocs polysaccharide-b-polyéther tensioactifs pour la polymérisation en miniémulsion
12h20	Lunch
13h30	Departure to Monaco
19h30	Dinner in Antibes

Wednesday 7 September

09h00 – 09h20	O21. Cyrille Sollogoub : Relationship between crystallinity and gas barrier properties of polylactide: role of the rigid amorphous fraction
09h20 – 09h40	O22. Serghei Anatoli : Electrical and dielectric properties of polymeric materials: from bulk down to attograms and zeptograms of matter
09h40 – 10h00	O23. Daniela Ailincăi : Hydrogels based on chitosan and 2-formylphenyl boronic acid – promising materials for the treatment of Candida infections
10h00 – 10h20	O24. Andrei Sarbu : Sensitive polymer layers for biosensors
10h20 – 10h40	O25. Hugues Brisset : Electrochemical molecularly imprinted polymers to detect bisphenol A
10h40 – 11h10	Break
11h10 – 11h30	O26. Viorica Elena Podasca : Synthesis of polymeric composites with ZnO/Ag nanoparticles. for applications in photocatalysis
11h30 – 12h00	Plenary 3. Bogdan Simionescu : 150 ans de l'Académie Roumaine - symbole de l'identité culturelle et scientifique roumaine
12h00	Lunch
13h30 – 13h50:	O27. Edith Peuvrel-Disdier : Dispersion and crystallization of polypropylene/expanded graphite microcomposites: effect of graphite size
13h50 – 14h10	O28. Jordi Girones : Crystallization of polypropylene in the presence of <i>Miscanthus x giganteus</i> stems fragments

14h10 – 14h30:	O29. Mariana-Dana Damaceanu: Red light-emitting materials for use in organic light-emitting diodes
14h30 – 14h50	O30. Patrick Navard: All cellulose acetate composites

14h50 **End of the conference**

Posters

P 1: Irina Rosca	Biosynthesis of exopolysaccharides by <i>Weisella confusa</i> and its in vitro functional characteristics
P 2: Violeta Melinte	Preparation of hybrid nanocomposites by photopolymerization using photoinitiator-modified montmorillonite
P 3: Adrian Fifere	Protocatechuic acid encapsulation with modified cyclodextrins and surface deposition onto magnetite nanoparticles
P 4 : Geza Bandur	Étude de copolymérisation des certains diacrylates de polyester-éther avec structure aliphatique–aromatique
P 5: Elena-Laura Ursu	DNA–gold nanoparticle–single-walled carbon nanotubes hybrids for biomedical applications
P 6: Cristina M Uritu	Low molecular weight PEI-based carriers enhance DNA transfer into the cells
P 7: Andrei Sarbu	Polyester-polyols for thermal insulating polyurethane RIGID foams, from PET wastes and biomass derived comonomers, in organic catalysis
P 8: Zina Vuluga & Mihai Cosmin Corobea	The effect of halloysite on stiffness-toughness properties of glass fibre reinforced polypropylene composites
P 9: Tanta-V Iordache	Drug selective nano-layers for surface plasmon resonance-based sensors
P10: Tanta-V Iordache	Synthesis and characterization of novel [<i>N</i> -(2-aminoethyl)-3-aminopropyl trimethoxy silane]-based molecularly imprinted films for bisphenol A recognition
P11: Marcel Popa	Researches on curcumin encapsulation and release from new particles based on ionic polysaccharides
P12: Catalina A. Peptu	Liposomal formulations for transdermal delivery of antifungal drugs
P13: Corneliu S. Stan	Photoemissive complexes based on poly(2-hydroxy ethyl) methacrylate
P14: Catalina A. Peptu	Chitosan-maltose magnetic nanoparticles for cancer cells therapy
P15: Erika di Giuseppe	Reinforcement potential of miscanthus post-harvest dust for polymer composites
P16: Savin Corina-Lenuta	New type of nanoparticles based on PEG methacrylate/acrylate grafted chitosan : a comparative study
P17: Corneliu S. Stan	Drug loaded liposomes embedded in chitosan/poly(vinyl alcohol) hydrogels for transdermal delivery