

FINAL PROGRAM – SLAP 2018

TUESDAY 6 th NOVEMBER	
17.00 – 19.00	Registration (Hall NH Gran Hotel Provincial)
19.00 – 21.30	Welcome Reception (Casa Daupi , Leandro N. Alem 2939)

WEDNESDAY 7 th NOVEMBER			
8.00 – 8.45	Registration (Hall NH Gran Hotel Provincial)		
8.45	Opening Ceremony XVI SLAP 2018 – XIV CIP (Room Atlántico B)		
9.00 – 12.30	SESSION 1		
9.00	Opening Plenary Conference: Dr. Rui L. Reis (University do Minho, Portugal) <i>“Natural origin polymeric systems for the engineering and regeneration of human tissues”.</i> (Room Atlántico B) Chair: Dr. Gustavo Abraham		
10:00	Semiplenary Conference 1 Dr. Alejandro Sosnik <i>“Amphiphilic copolymers in advanced drug delivery: From improved mucosal permeability to active targeting”</i> Chair: Dr. Marcelo Calderón	Semiplenary Conference 2 Dr. Nuno M. Neves <i>“Biomaterials combined with stem cells for bone and cartilage tissue engineering”</i> Chair: Dr. Gustavo Abraham	Semiplenary Conference 3 Dr. Alejandro Rey <i>“Biological Plywoods: Self-Assembly, Structure and Functionalities”</i> Chair: Dr. Ezequiel Soulé
10.40	Coffee Break (Room Columnas del Atlántico)		
	Session 1a (Room Atlántico B) T2 Chair: Dr. Marcelo Calderón	Session 1b (Room Atlántico A) T12 Chair: Dr. Jimena González	Session 1c (Room Dauphin) T6 / T5 Chair: Dr. Ezequiel Soulé
11.10	O 1 – 6: Antonio Martínez Richa Aminoacid-modified poly(ester-urethanes) based on PCL obtained by lipase biocatalysis	O 11 – 92: Alessandra Stacchini Menandro. Solvent influence in energy transfer efficiency of conjugated copolymer/azobenzene composite.	O 21 – 427: Jaime González Villa Study of the anionic homopolymerization of α -myrcene and 4-methyl-styrene
11.30	O 2 – 386: Olga Borges Safe-by-design of chitosan nanoparticles: The role of the Immunopharmacological properties	O 12 – 201: Fabio Cukiernik Mesomorphic properties of branched triphenylene liquid crystalline polyesters/ethers	O 22 – 299: Alneira Cuellar Burgos Thermoplastic polyurethane urea with soft recinoleate segments

FINAL PROGRAM – SLAP 2018

11.50	O 3 – 381: Betty López A Catechin Loaded in Pluronic-SDS/Chitosan Nanoparticles as Antioxidants	O 13 – 382: Natalia Agudelo Synthesis and characterization of ionomeric block copolymers type ABA for the preparation of polymeric membranes of proton exchange	O 23 – 452: Leandro Ludueña Experimental study of fiber breakage during injection molding of polypropylene/short glass fiber composites
12.10	O 4 – 197: Rosario Benavente Study of the permeability in PLA / Mg composite materials for biomedical applications	O 14 – 424: Enrique Saldívar Guerra Polyolefins and polyisoprene copolymers with polar groups via free-radical polymerization	O 24 – 172: Alex Sirqueira Rheological and EMI studies of acrylic paint with nanoparticles and carbon black
12.30	Lunch		
14.30 – 18.30	SESSION 2		
14.30	Plenary Conference 2: Dr. Mitchell Winnik (University of Toronto, Canada) <i>“Biomedical applications of metal-chelating polymers and lanthanide nanoparticles”</i> (Room Atlántico B). Chair: Dr. Juan Pablo Tomba		
15.30	Semiplenary Conference 4 Dr. Daniel Cohn <i>“3D printing: From the ink to the medical device”</i> Chair: Dr. Gustavo Abraham	Semiplenary Conference 5 Dr. Marina Giannotti <i>“Probing nanomechanics with AFM at the single molecule level”</i> Chair: Dr. Cristina Hoppe	Semiplenary Conference 6 Dr. Alejandro Müller <i>“Crystallization and morphology of a triple crystalline biodegradable triblock terpolymer”</i> Chair: Dr. Norma D’Accorso
	Session 2a (Room Atlántico B) T2 Chair: Dr. Pablo Caracciolo	Session 2b (Room Atlántico A) T1/T3 Chair: Dr. Cristina Hoppe	Session 2c (Room Dauphin) T4 Chair: Dr. Norma D’Accorso
16.10	O 5 – 421: Carla Schnell Environment-sensitive hydrogel as drug delivery system	O 15 – 4: Jean Jacques Pireaux Surface and in-depth study of organic/polymer layers with X-ray Photoelectron Spectroscopy	O 25 – 26: Ernesto R. Osorio Blanco Thermomechanical Properties of Thermoresponsive nanogels, core-shell nanogels and nanocapsules
16.30	O 6 – 364: Claudia Echeverri-Cuertas Stability of chitosan-PEG-folate nanoparticles at physiological conditions	O 16 – 417: Magdalena Trujillo Study of PLA films bonded to cellulose as bilayer materials	O 26 – 189: María L. Cerrada Confinement by Small Angle X-ray Scattering of iPP crystallites within mesoporous SBA-15 channels in iPP-SBA-15 nanocomposites
16.50	Coffee Break (Room Columnas del Atlántico)		

FINAL PROGRAM – SLAP 2018

	Session 2d (Room Atlántico B) T2 Chair: Dr. Pablo Cortez Tornello	Session 2e (Room Atlántico A) T10 Chair: Dr. Patricia Oyanguren	Session 2f (Room Dauphin) T4 Chair: Dr. Alejandro Müller
17.10	O 7 – 22: Angel Licea-Claverie The use of pH-responsive nanogels for delivery of chemotherapeutic agents to cancer cell-lines	O 17 – 402: Neslihan Doğan-Sağlamtimur Prevention of oil spill pollution in seawater using polymer: A review	O 27 – 334: Elena Hernández Vorticity Banding in Micellar Solutions
17.30	O 8 – 465: María Lisseth Flores Cedillo Synthesis and characterization in vitro of a biopolymer with osteogenic potential that can be applied in bone regeneration	O 18 – 362: Pedro Flores Porous polyethylene as a catalyst support	O 28 – 212: Hened Saade Semicontinuous heterophase polymerization as a basis for preparing sub-30 nm structures of methacrylic copolymer/aspirin
17.50	O 9 – 316: Leon Pérez Pérez The effect of conjugating cholesterol on the performance of PEG-PCL as micellar vehicle for Amphotericin B	O 19 – 353: María P. Espinosa Quintero Impact of inorganic salts on rheological properties of Partially Hydrolysed Polyacrylamide solutions: New insights based on DLS measurements	O 29 – 487: María Isabel Hernández EOR polymer stability at harsh reservoir conditions
18.10	O 10 – 272: Felipe Salcedo Chitosan based adhesive as a treatment for comminuted fractures	O 20 – 460: Rafael Aguilar Effect of the silica modulus of the alkali activator on the compressive strength of pozzolan and brick powder-based geopolymers	O 30 – 420: Sandra M. Mendoza Considerations for the study of non-conductive supramolecular systems by scanning tunnelling microscope
18.30 – 20	Poster Session I		

FINAL PROGRAM – SLAP 2018

THURSDAY 8th NOVEMBER			
8.30 – 12.00	SESSION 3		
8.30	Plenary Conference 3: Dr. Béla Pukánsky (Budapest University of Technology and Economics, Hungary) <i>“Enzymatic degradation of aliphatic polyesters: kinetics, modelling, applications”</i> (Room Atlántico B) Chair: Dr. Mirta Aranguren		
9.30	Semiplenary Conference 7 Dr. Carmen Mijangos <i>“Tuning polymer surface morphology and properties by patterning strategies”</i> Chair: Dr. Jimena González	Semiplenary Conference 8 Dr. Juan Carlos Rueda Sánchez <i>“Synthesis of smart polymers based on N-isopropylacrylamide and 2-oxazolines”</i> Chair: Dr. Cesar Barbero	Semiplenary Conference 9 Dr. Griselda Barrera Galland <i>“Multifunctional polyolefinic nanocomposites”</i> Chair: Dr. Marcelo Failla
10.10	Coffee Break (Room Columnas del Atlántico)		
10.40	Semiplenary conference 10 Dr. Marcelo Calderón <i>“Let your light shine: Protease-sensitive nanocarriers for theranostics”</i> Chair: Dr. Silvestre Bongiovanni Abel	Semiplenary Conference 11 Dr. Roberto J.J. Williams <i>“Epoxy vitrimers: self-healable, recyclable and stimuli-responsive polymer networks”</i> Chair: Dr. Cristina Hoppe	Semiplenary Conference 12 Dr. Raquel Santos Mauler <i>“Nanoparticles and nanocomposites”</i> Chair: Dr. Vera Alvarez
11.20	ROUND TABLE. “Perspectives on Science and Technology in Iberoamerican countries - Perspectivas de la ciencia y la tecnología en Iberoamérica”. Dr. Carmen Mijangos, Dr. María Laura Foresti, Dr. Enrique Saldívar Guerra, Dr. Alex Sirqueira (Room Atlántico B) Chairs: Dr. Vera Alvarez and Dr. Cristina Hoppe		
12.00	Lunch		
14.00 – 17.10	SESSION 4		
14.00	Plenary Conference 4: Dr. Brigitte Voit (Leibniz-Institut für Polymerforschung Dresden e.V., Germany) <i>“Multifunctional and responsive hydrogels and nanoreactors as selective compartments and in microfluidic applications”</i> (Room Atlántico B). Chair: Dr. Juan Carlos Rueda Sánchez		

FINAL PROGRAM – SLAP 2018

	Session 4a (Room Atlántico B) T8 Chair: Dr. Daniel López	Session 4b (Room Atlántico A) T5 Chair: Dr. Marcelo Villar	Session 4c (Room Dauphin) T10 Chair: Dr. Exequiel Rodriguez
15.00	O 31 – 297: Julio Bartoli Electrical and rheological percolation in PMMA/MWCNT nanocomposites	Semiplenary Conference 13 Dr. Silvia Barbosa <i>“Development of active, smart and sustainable packaging”</i>	O 39 – 183: Marta Fernández-García Synthesis and antimicrobial activity of thiazole based methacrylate copolymers
15.20	O 32 – 492: Yuris Dzenis Simultaneously ultratough and strong continuous polymer nanofibers for structural nanocomposites		O 40 – 314: Antonela Gallastegui Biomimetic hydrogels as inspired mussel filters for water decontamination
15.40	O 33 – 223: Giovanni Pavoski In situ polymerization of polymer nanocomposites with antibacterial properties	O 36 – 384: Jesús Ortiz Cross linking and aging time in a poly (oxy-indole arylene)	O 41 – 401: Jairo E. Perilla Zwitterionic mesoporous silica nanoparticles for antifouling bioapplications
16.00	Coffee Break (Room Columnas del Atlántico)		
	Session 4d (Room Atlántico B) T5 Chair: Dr. Rosario Benavente	Session 4e (Room Atlántico A) T2 Chair: Dr. Florencia Montini Ballarin	Session 4f (Room Dauphin) T10 Chair: Dr. Silvia Barbosa
16.30	O 34 – 61: César Muñoz López Synthesis, characterization and rheological properties of associative polyelectrolytes multiblock copolymers via aqueous RAFT at	O 37 – 37: Rosane Soares Gentamicin-loaded wound dressing with poly(butylene adipate-co-terephthalate)	O42 – 416: Jaime Martínez Effect of salinity on polymer adsorption on kaolinite substrates for enhanced oil recovery
16.50	O 35 – 374: Matías Menossi Supercritical hydrogenation of polybutadiene at conditions selected from PVT data	O 38 – 283: Said Arevalo-Alquichire Polyurethanes for vascular graft applications: Effect of polyol blend composition	SLAP 2020 Session
17.10 – 18.30	Poster Session II		
19.30	Transfer to the Gala Dinner		
20.00 h	Gala Dinner (Cabaña Inaquelén, 12 de Octubre 8450)		

FINAL PROGRAM – SLAP 2018

FRIDAY 9th NOVEMBER			
9.30 – 12.20	SESSION 5		
9:30	Semiplenary Conference 14 Dr. Omar Azzaroni <i>“Surface-bound microgels: Unusual properties and novel applications of nano-architected polymer films”</i>	Semiplenary Conference 15 Dr. Gustavo Monti <i>“Proton low field NMR relaxation: understanding structure and dynamics of elastomers”</i>	Semiplenary Conference 16 Dr. Alfonso Jimenez Migallón <i>“Encapsulation strategies for the incorporation of functional additives to biopolymers”</i>
	Session 5a (Room Atlántico B) T9 Chair: Dr. Hernán Romeo	Session 5b (Room Atlántico A) T12 / T3 Chair: Dr. Walter Schroeder	Session 5c (Room Dauphin) T7 Chair: Dr. Roxana Ruseckaite
10.10	O 43 – 173: César Barbero Electrochemical methods used to study polymeric hydrogels and nanocomposites. Characterization and applications.	O 53 – 64: Marco A. De Paoli Bio-based ABS composites reinforced with cellulose fibers: preparation and properties	O 63 – 24: Irene Seoane Disintegrability of PHB nanocomposites with cellulose nanocrystals and bacterial cellulose in composting conditions
10.30	O 44 – 229: Sergio D. García Schejtman Immobilized metal ion affinity dendronized supermacroporous cryogels for Immunoglobulin G adsorption	O 54 – 395: Miguel Angel Zanuttini Scalable alkaline extraction of hemicellulose from bagasse sugarcane	O 64 – 237: Débora Miranda Chemical recycling of post consumption carcass from WEEE via pyrolysis and co-pyrolysis
10.50	O 45 – 285: Micaela Maccione Smart ethylene glycol-based nanogels	O 55 – 411: Sebastián Guajardo Comparative study of covalent and non-covalent galatin-graphene oxide aerogels loaded with natural extracts	O 65 – 99: Ángel Satti Rheological analysis of irradiated crosslinkable and scissionable polymers under different conditions
11.10	Coffee break (Room Columnas del Atlántico)		
	Session 5d (Room Atlántico B) T10 Chair: Dr. Martín Negri	Session 5e (Room Atlántico A) T3 Chair: Dr. Liliana Manfredi	Session 5f (Room Dauphin) T8 Chair: Dr. Celina Bernal
11.40	O 46 – 320: María Isabel Hernández Polymeric technologies for reservoir conformance. Identifying trends and needs	O 56 – 413: Tobías Hartmann Biobased and biodegradable polyhydroxyalkanoates in selective laser sintering 3D printing application	O 66 – 261: María Lorena Gómez Hybrid silsesquioxane films doped with Rhenium complexes as oxygen sensors
12.00	O 47 – 83: Mauricio Vásquez-Rendón Modification of PBT from melt blending with high-performance polymers for fire protection applications	O 57 – 426: Paulo Camani Pretreatment of eucalyptus residue using microwave assisted methodology	O 67 – 144: Oliverio Rodriguez Morphology and surface modification of Mg(OH) ₂ nanoparticles effect on flame retardant properties in EVA/Mg(OH) ₂ nanocomposites
12.20	Lunch		

FINAL PROGRAM – SLAP 2018

14.30 – 17.00	SESSION 6		
	Session 6a (Room Atlántico B) T11 Chair: Dr. María José Galante	Session 6b (Room Atlántico A) T3 Chair: Dr. Mirna Mosiewicki	Session 6c (Room Dauphin) T8 Chair: Dr. María Laura Foresti
14.30	O 48 – 78: Melissa Díaz Duarte Poly(ethyleneglycol)-b-poly(N,N-diethylaminoethylmethacrylate) aggregates for the encapsulation of gold nanorods and doxorubicin	O 58 – 74: Giovanni Rojas Tunable polyesterification From linear to crosslinked materials	O 68 – 157: Sofía Huggias Platinum nanoparticles obtained on S-layer protein/polymer particle systems and their performance as catalysts
14.50	O 49 – 464: Laura Peponi Multifunctional bionanocomposites with shape memory behavior	O 59 – 79: Mercedes A. Peltzer Effect of Naphtho-y-Pyrones (NGPs) on colour, mechanical and hydration properties of yeast cell wall films	O 69 – 253: Felipe Salcedo Encapsulation of flaxseed oil in silica nanocapsules synthesized via sol-gel emulsion templating for a potential active packaging application
15.10	O 50 – 44: Martin Negri Superparamagnetic nanoparticles coated by chitosan and Eudragit EPO. Biological evaluation in culture cells	O 60 – 184: Marta Fernández-García Biodegradable nanocomposites based on PLA-PBAT blends reinforced with lignocellulosic nanoparticles extracted from yerba mate (Ilex paraguariensis) wastes	O 70 – 140: Graciela Morales Antibacterial fibrous mats based on poly(3-hydroxybutyrate) and zinc oxide manufactured by centrifugal spinning (Forcespinning®)
15.30	O 51 – 113: Silvestre Bongiovanni Abel Photothermally induced collapse of materials based on thermosensitive and conducting polymers using different kinds of electromagnetic radiation	O 61 – 218: Frank Quero Effect of residual proteins on the surfaces charges of tunicate cellulose nanopapers	O 71 – 345: Agustín Blachman Dermatan Sulfate/Chitosan Polyelectrolyte Complexes loaded with IRW tripeptide inhibit NFkB nuclear translocation through CD44 receptor activation
15.50	O 52 – 46: Rodrigo Navarro Synthesis and characterization of photocurable polyurethanes bearing coumarin moieties in hard or soft segment	O 62 – 47: Pablo R. Salvatori Development of rubber compounds with environmentally friendly fillers, using Design of Experiments	O 72 – 305: Nancy M. Cativa pH control as a tool for the synthesis of Ag Nanoparticles (NPs) aggregates with plasmonic applications
16.10	Semiplenary Conference 17 Verónica Forzano (Analytical Technologies) <i>“Instrumentos para caracterización de viscosidad y reología de polímeros”</i> Chair: Dr. José Carella		
16.50	Closing Ceremony (Room Atlántico B)		