

**SCIENTIFIC PROGRAM**  
**6<sup>th</sup> Young Polymer Scientists Conference & Short Course 2018**

<b>Monday OCTOBER 1<sup>st</sup></b>		
<b>AUDITORIUM, JOXE MARI KORTA CENTER, AVENIDA TOLOSA 72</b>		
12:30-13:15	<b>REGISTRATION</b>	
13:15-13:30	<b>OPENING</b>	
13:30:14:15	<b>L1</b>	<b>Alejandro Müller.</b> Structure and properties of semi-crystalline thermoplastic polymers
14:15:14:30	<b>Y1</b>	<b>Jean-Emile Potaufoux.</b> Organic-inorganic ionic polylactide based hybrids
14:30:14:45	<b>Y2</b>	<b>Ainara Sangroniz.</b> Are biodegradable polymers good barrier materials for organic solvents?
14:45:15:00	<b>Y3</b>	<b>Laetitia Dentzer.</b> Formaldehyde-free and environmentally friendly phenolic-like resin- study of the condensation reaction under highly diluted conditions.
15:00:15:15	<b>Y4</b>	<b>Rana Al Nakib.</b> Synthesis and characterization of Anti-Bacterial functionalized polyurethane with quaternary salts
15:15:15:30	<b>Y5</b>	<b>Elaine Berbard.</b> Amphiphilic molecular brushes toward synthetic dendritic cells
15:30:15:45	<b>Y6</b>	<b>Chiara Magnani.</b> Design of biosourced PHBV nanocomposites by addition of biodegradable nanofillers
15:45:16:00	<b>Y7</b>	<b>Miryam Criado.</b> Nanostructured polysaccharide films: from preparation to applications.
<b>16:00-16:45 COFFEE BREAK AND SANDWICHES</b>		
16:45:17:00	<b>Y8</b>	<b>Jens Gaitzsch.</b> Radical ring-opening polymerisation for biodegradable nanoparticles and temporary enzyme protection
17:00:17:15	<b>Y9</b>	<b>Elena Bobbi.</b> Triblock copolymer particles with tuneable size and shape
17:15:17:30	<b>Y10</b>	<b>Ernesto R. Osorio.</b> Thermoresponsive nanogels and nanocapsules for dermal delivery of therapeutics
17:30:17:45	<b>Y11</b>	<b>Kikitza González.</b> Tailor-made starch-based hydrogels by means of "click" cross-linking strategies
17:45:18:00	<b>Y12</b>	<b>Lisa Fortuin.</b> Biodegradable polymeric prodrugs for the targeted delivery of artemether-lumefantrine
18:00:18:15	<b>Y13</b>	<b>Alvaro Gómez.</b> Sustainable adhesives based on non-isocyanates polyurethanes (NIPUs)
<b>Tuesday OCTOBER 2<sup>nd</sup></b>		
9:00:9:30	<b>L2</b>	<b>Zulima Martin.</b> Advanced composites for aeronautical structures
9:30:9:45	<b>Y14</b>	<b>Preston Sutton.</b> Strengthening single-ion conducting polymeric battery electrolytes with scalable nanostructured conetworks
9:45-10:00	<b>Y15</b>	<b>Jorge L. Olmedo.</b> Effect of chemical structure and salt concentration on the ionic conductivity and crystallization of different polyethers
10:00-10:15	<b>Y16</b>	<b>Sofia Mozorova.</b> Novel condensation polymeric ionic liquids
10:15-10:30	<b>Y17</b>	<b>Houssém Chabane.</b> Synthesis, characterization, and grafting of amidazolium Ionic Liquids based on heptaisobutyl-POSS for Designing Novel Nanostructured Epoxy Networks

10:30-10:45	Y18	<b>Thibaut Lefort.</b> Electrical properties of epoxy systems based on ionic liquids
10:45-11:00	Y19	<b>Alvaro Miguel.</b> Simple Method to Obtain Thermoplastic Polymer Electrolytes Working with Lithium Electrochemistry
<b>11:00-11:30 COFFEE BREAK</b>		
11:30-11:45	Y20	<b>Claudia De León.</b> Electrical conductivity behavior in PANI/OMMT/SEBS composites prepared by low-temperature processing
11:45-12:00	Y21	<b>Edgar Gutierrez.</b> Nanostructuring of PEDOT:PSS thin films by laser and its influence on its electrical properties
12:00-12:15	Y22	<b>Islam M. Minisy.</b> Polypyrrole prepared in the presence of safranin or pheosafranin: the tuning of morphology and conductivity
12:15-12:30	Y23	<b>Diana Juanes.</b> Gecko-like polymeric nanostructures from nanoporous templates
12:30-12:45	Y24	<b>Laia León.</b> Hydrophilic/hydrophobic polymeric nanostructures from nanoporous AAO reactors
12:45-13:00	Y25	<b>Nelson Castro.</b> Magnetoelectric polymer composite microenvironments for tissue engineering applications
<b>13:00-14:30 LUNCH</b>		
14:30-15:15		<b>Jean-Francois Gerard.</b> Interface/interphase as a key component in multi-component materials such as fiber-based composite materials
15:15-15:30	Y26	<b>Eider Matxinandiarena.</b> Stabilization of PET/PP and PET/HDPE blends with TiO <sub>2</sub> nanoparticles and compatibilizing agents
15:30-15:45	Y27	<b>Ana C. Mellinas.</b> Microwaves-assisted synthesis of zinc oxide nanoparticles using cocoa seed extrats
15:45-16:00	Y28	<b>Jordan Ochs.</b> Ring-opening polymerization and CuAAc reaction for the synthesis of pure monocyclic polyethers
16:00-16:15	Y29	<b>Alejandra Jacobo-Martin.</b> Mechanically enhanced nanostructured polymer nanocomposite surfaces
16:15-16:30	Y30	<b>Jennifer Rodon.</b> Spatio-temporal control of the peptide self-assembly for the design of hydrogels
16:30-16:45	Y31	<b>Leire Sangroniz.</b> Stimuli-responsive polymer commodity-based nanocomposites
16:45-17:00	Y32	<b>Philip B.V. Scholten.</b> Synthesis of functional copolymers from cyclic carbonates using controlled radical polymerisation
<b>17:00-17:30 COFFEE BREAK</b>		
17:30-17:45	Y33	<b>Natalia Shabanova.</b> Evaluation of thermal stability of electro-optical polymers based on PMMA-MAA with chromophone filler
17:45-18:00	Y34	<b>Izaskun Larraza.</b> Synthesis and characterization of a waterborne polyurethane reinforced with chemically modified cellulose nanofibers.
18:00-18:15	Y35	<b>Geraldine Cabrera.</b> Multilayered coextrusion polymer systems based on-recycled multiphase waste films: Structure-processing-properties relationships
18:15-18:30	Y36	<b>Hamid R. Hedayati.</b> Suspension polymerization of vinyl acetate using low temperature initiators
18:30-18:35		<b>CLOSING SESSION</b>