

**WEDNESDAY - 13<sup>th</sup> August - Click title for abstract**

09h00 - 09h40	Plenary session - Chair: Kristi Anseth ( <a href="#">Room 2</a> )		
	<b>Julia Kalow</b> (Northwestern University, USA) <u>Defect Engineering in Covalent Adaptable Networks</u>		
	<b>Session 4.1</b> - Chair: William Dichtel ( <a href="#">Room 2</a> )	<b>Session 4.2</b> - Chair: Philip Taynton ( <a href="#">Room 1</a> )	<b>Session 4.3</b> - Chair: Pierre Verge ( <a href="#">Room 3</a> )
09h45 - 10h10	<b>Pengfei Cao</b> (Beijing Univ., China) <u>Dynamic Crosslinked Elastomers with High Mechanical Robustness and Tunable Recyclability</u>	<b>Maarten Smulders</b> (Wageningen Univ., Netherlands) <u>Design of Macroscopic Properties of Polyimine Networks by Molecular and Mesoscale Control</u>	<b>Jean-Marie Raquez</b> (Univ. Mons & Montreal) <u>Developing Non-isocyanate Polyurethane Chemistry as Sustainable Covalent Adaptive Networks for Structural Composites</u>
10h10 - 10h25	<b>Mickaël Du Fraysseix</b> (LCPO Bordeaux, France) <u>Synthesis of Aliphatic Imine-based Self-healing Poly(dimethylsiloxane) and their Stability in Simulated Space Environment</u>	<b>Jessica Mangialetto</b> (VUB, Belgium) <u>Cure Diagrams as Tools for Understanding Thermoreversible Diels-Alder Networks</u>	<b>Killian Bourdon</b> (LIST, Luxembourg) <u>Fibre-Matrix Interactions in Carbon and Flax Fibre Reinforced Transesterification-Based Vitrimers</u>
10h25 - 10h40	<b>Adrià Roig</b> (Ghent University, Belgium) <u>Exploring <math>\beta</math>-Amino Ester Chemistry for the Recycling of Epoxy and Polyurethane Materials</u>	<b>Lucien Cousin</b> (ETH Zurich, Switzerland) <u>Entropy Links Molecular and Macroscopic Behavior in Dynamic Covalent Networks</u>	<b>Anthony Hoogmartens</b> (EPFL, Switzerland) <u>Novel Initiator-Free Reprocessable Acrylate-Thermoplastic Composites with Enhanced Interfacial Interactions and Relaxation Behavior</u>
10h40 - 10h55	<b>Erica Laguzzi</b> (Univ. Piemonte Orientale, Italy) <u>Aza-Michael Magic: Engineering Reprocessable Polymers with <math>\beta</math>-amino Esters</u>	<b>Emilie Moses</b> (Univ. North Carolina, USA) <u>Dynamically Tuning the Kuhn Length to Expand Property Control of Polymer Networks</u>	<b>Channya Hesse</b> (LIST, Luxembourg) <u>Optimizing the Chemical Recycling of Vitrimers: Effects of Acidolysis on Polybenzoxazine Vitrimers</u>
10h55 - 11h25	Coffee break		
	<b>Session 5.1</b> - Chair: Pengfei Cao ( <a href="#">Room 2</a> )	<b>Session 5.2</b> - Chair: Maarten Smulders ( <a href="#">Room 1</a> )	<b>Session 5.3</b> - Chair: Jacob Lessard ( <a href="#">Room 3</a> )
11h25 - 11h50	<b>Huaping Xu</b> (Tsinghua University, China) <u>Dynamic Selenium/Tellurium-Containing Polymers</u>	<b>Hannes Houck</b> (University of Warwick, UK) <u>Turning Conventional Photodimers into Reversible Bonding Motifs for Closed-loop Material Recycling</u>	<b>Katrien Bernaerts</b> (Maastricht University, Netherlands) <u>From Lignin Derived Building Blocks to Covalent Adaptable Networks and Recyclable Materials</u>
11h50 - 12h05	<b>Xiangqiang Pan</b> (Soochow University, China) <u>Dynamic Polymer Networks Based on Selenonium Salt</u>	<b>Yi-Ru Chen</b> (TU Eindhoven, Netherlands) <u>Revealing the Dynamicity of Hexahydrotriazine for Multi-Circularity in Thermosets</u>	<b>Claudio Pellecchia</b> (Univ. Salerno, Italy) <u>Bio-based Vitrimeric Thermosets from Polylactide and Isosorbide Diepoxide</u>
12h05 - 12h20	<b>Jeremy Wulff</b> (University of Victoria, Canada) <u>Do Dynamic Linkages in Diazirine Reagents Drive Polymer Compatibilization?</u>	<b>Alper Balkan</b> (EPFL, Switzerland) <u>Cinnamate-Based Photo-Curable Thiol-Ene/Nanocellulose Composite Coatings</u>	<b>Marlies Thys</b> (VITO, Belgium) <u>Dynamic Epoxy-Acrylate Networks from Recycled and Biobased Building Blocks</u>
12h20 - 12h35	<b>Maciek Kopec</b> (University of Bath, UK) <u>Lipoic Acid vs DOT as Cleavable Comonomers for Degradable and Reversible Polyacrylate Networks</u>	<b>Jonathan Jayaratnam</b> (ESPCI, France) <u>Influence of Dynamic Chemistry on Self-Patterning</u>	<b>Mikelis Kirpluks</b> (LSIWC, Latvia) <u>Bio-Based <math>\beta</math>-Amino Polyester Vitrimers: A Sustainable and Recyclable Adhesive for Fibreboard Production</u>
12h35 - 12h50	<b>Benjamin Nelson</b> (Univ. Colorado Boulder, USA) <u>Multifunctional Dithiolane Monomers for Dynamic and Recyclable Networks</u>	<b>Yizheng Tan</b> (Jiangnan University, China) <u>Light-Induced Modular programming method for multiple substrates</u>	<b>Agate Levron</b> (ICG Montpellier, France) <u>Fluorinated Tertiary N,O-acetals: a Catalyst-free Exchange Platform for Bio-based CANs Applications</u>
12h50 - 13h50	Lunch		