

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

	Session 6.1 - Chair: Joost Brancart ( <a href="#">Room 2</a> )	Session 6.2 - Chair: Audrey Llevot ( <a href="#">Room 1</a> )	Session 6.3 - Chair: Hans Heuts ( <a href="#">Room 3</a> )
13h50 - 14h15	<b>Zhibin Guan</b> (University of California, Irvine, USA) <a href="#">Sustainable Polymer Designs via Robust Dynamic Covalent Chemistry</a>	<b>Marc Guerre</b> (CNRS Toulouse, France) <a href="#">Disulfide-based Vitrimers: from Mechanistic Insight to Industrial Implementation</a>	<b>Jacob Lessard</b> (University of Utah, USA) <a href="#">Architectural Effects in Associative Covalent Adaptable Networks</a>
14h15 - 14h30	<b>Jaclyn McLaughlin</b> (Rowan University, USA) <a href="#">Design of Vinyl Ester Precursors to Fabricate Tunable Imine-Based Covalent Adaptable Networks</a>	<b>Valeria Berner</b> (Fraunhofer ICT, Germany) <a href="#">Thermal and Flame Retardant Properties of Recyclable Disulfide Based Epoxy Vitrimers</a>	<b>Sunny Sidhartha</b> (Anton Paar, Germany) <a href="#">Molecular changes meet macroscopic flow: Novel polymer insights by in situ Raman analysis in Rheology</a>
14h30 - 14h45	<b>Igor Luzinov</b> (Clemson University, USA) <a href="#">Chemically Recyclable Polyolefin-based Covalent Adaptable Networks</a>	<b>Paula Fanlo</b> (CIDETEC / POLYMAT, Spain) <a href="#">Dynamic by Design: Unlocking Full Relaxation in Disulfide Epoxy Networks</a>	<b>Pascal Carrière</b> (Université de Toulon, France) <a href="#">Applications of Spectroscopies to Reveal Complex Relaxations of Aromatic Disulfide Networks</a>
14h45 - 15h00	<b>Molly Sun</b> (Northwestern University, USA) <a href="#">Reprocessing Thermoset Polyurethane through Twin-Screw Extrusion and Green Catalysis</a>	<b>Zviadi Katcharava</b> (Univ. Halle-Wittenberg, Germany) <a href="#">Pyrrolidinium-based Poly(ionic liquid) Vitrimers for Self-healing and Re-processable Electrolytes</a>	<b>Andreas Klingler</b> (Leibniz-IVW, Germany) <a href="#">Simultaneous Insights into the Dynamic Thermal Volume Expansion and Shear Relaxation Behaviour of Dynamic Polymer Networks</a>
15h00 - 15h15	<b>Víctor Lechuga-Islas</b> (Univ. Liege, Belgium) <a href="#">Foam-to-Adhesive Recycling of Self-Blown Non-Isocyanate Polyurethane Foams Incorporating Disulfide Covalent Adaptable Networks</a>	<b>Josiah Marshall</b> (University North Carolina, USA) <a href="#">Bottlebrush-Templated Percolation of P3HT toward Soft Electronics</a>	<b>Nathan Arnould</b> (CNRS Montpellier, France) <a href="#">Reversible Classical Lewis Pair Adduct Formation for the Control of Vinylogous Urethane Transamination</a>
15h15 - 15h40	<b>William Dichtel</b> (Northwestern University, USA) <a href="#">Reprocessing Thermoset Polyurethane Foams Using Organic Catalysts</a>	<b>Wolfgang Binder</b> (U. Halle-Wittenberg, Germany) <a href="#">Dynamic Polymer Science – the Power of Non-covalent Bonds</a>	<b>Alexa Kuenstler</b> (Univ. Illinois, USA) <a href="#">Chemical Control of the Linear Viscoelasticity of Dynamic Covalent Networks</a>
15h40 - 16h10	Coffee break		
	Session 7.1 - Chair: Renaud Nicolaÿ ( <a href="#">Room 2</a> )	Session 7.2 - Chair: Zhibin Guan ( <a href="#">Room 1</a> )	Session 7.3 - Chair: Christoph Weder ( <a href="#">Room 3</a> )
16h10 - 16h35	<b>John Torkelson</b> (Northwestern University, USA) <a href="#">The temperature dependence of dynamics in CANS: Different factors control the apparent activation energies of stress relaxation and viscous creep in associative CANS and dissociative CANS</a>	<b>Sandra Schlögl</b> (PCC Leoben, Austria) <a href="#">Dynamic Photopolymers Containing Reversibly Activatable Catalysts</a>	<b>Joost Brancart</b> (Vrij Univ. Brussel, Belgium) <a href="#">Dynamic Polymer Network Design for Applications using Structure-Property Relations</a>
16h35 - 16h50	<b>Vincent Scholiers</b> (Ghent University, Belgium) <a href="#">Transalkylation as a Gateway to Multifunctional Dynamic Polymer Networks</a>	<b>Ianis Retailleau</b> (ESPCI-PSL Univ, France) <a href="#">Transparency, Processability and High Tg for Vitrimer Composites in Photovoltaics</a>	<b>Vincent Boulic</b> (LIST, Luxembourg) <a href="#">Degradation and Stability of a Bio-Based Polybenzoxazine Vitrimer during Mechanical Recycling</a>
16h50 - 17h05	<b>Natanel Jarach</b> (Hebrew Univ. Jerusalem, Israel) <a href="#">Untighten the Knot: Fully Recyclable, Photocurable Disulfide-Containing Adhesive</a>	<b>Elisabeth Rossegger</b> (Leoben, Austria) <a href="#">Wavelength-Dependent Dynamic Behavior in Photopolymer Networks</a>	<b>Stefan Maessen</b> (TU Eindhoven, Netherlands) <a href="#">Highly Ordered Dynamic Covalent Networks and How to Photocontrol Them</a>
17h05 - 17h20	<b>Lillian Felsenthal</b> (Northwestern University, USA) <a href="#">Robust Self-Healing Adhesives Based on Dynamic Urethane Exchange Reactions</a>	<b>Osman Konuray</b> (UPC Barcelonatech, Spain) <a href="#">Investigating the Dynamicity of Epoxy Vitrimers as Influenced by Dynamic Bond Content: A Network Decrosslinking Approach</a>	<b>Ian Wyllie</b> (University of Colorado Boulder, USA) <a href="#">Transport Dynamics in Nominally Non-Porous and Swollen Covalent Adaptable Networks</a>
17h20 - 17h45	<b>Andrew Slark</b> (University of Sheffield, UK) <a href="#">Covalent Adaptable Networks from Polyurethanes and Unsaturated Polyesters via Diels-Alder and Michael Addition Chemistry</a>	<b>François Tournilhac</b> (CNRS-ESPCI, France) <a href="#">Latency, catalysis and phase separation in epoxy-based vitrimers</a>	<b>Charles-André Fustin</b> (UC Louvain, Belgium) <a href="#">Development of Vitrimers for Solid State Polymer Electrolytes</a>
19h30	Gala Dinner		