

TUESDAY - 12 th August - Click title for abstract			
08h45 - 09h25	Plenary session - Chair: Filip Du Prez (Room 2)		
	Kristi Anseth (University of Colorado Boulder, USA) Photoadaptable Hydrogels for Biological Applications		
	Session 2.1 - Chair: Hannes Houck (Room 2)	Session 2.2 - Chair: Svetlana Sukhishvili (Room 1)	Session 2.3 - Chair: Katarina Ehrmann (Room 3)
09h30 - 09h55	Filip Du Prez (Ghent University, Belgium) How to Unlock the Industrial Potential of Reprocessable Thermosets through Dynamic Covalent Chemistry?	Melissa Grunlan (Texas A&M University, USA) Cartilage Mimetic Substitutes Prepared from Dynamic Hydrogels	Marco Sangermano (Politecnico di Torino, Italy) Sustainable Bio-based UV-cured Dynamic Polymer Networks
09h55 - 10h10	Matheus Nachbar (IMP, INSA Lyon, France) Exploring the Impact of Catalyst Nature on the Properties of PET-based CANs derived from Textiles	Martin Hrubý (Univ. Prague, Czech Republic) Dynamic Polymer Networks at the Nanoscale: Metal Coordination and Ionic Interactions for Biomedicine	Charles Jehl (LIST, Luxembourg) A Recyclable, Reshapable and UV-Curable Polybenzoxazine Vitrimer Enabling Closed-loop 3D Printing Applications
10h10 - 10h25	Bram Daelman (Ghent University, Belgium) Exploiting the Reversible Ring-Opening Reaction of Lactones to Develop Dynamic Polyamide Networks	Abdon Pena-Francesch (Univ. Michigan, USA) Self-Assembled Dynamic Networks from Bioinspired Protein Materials	Edoardo Albertini (Politecnico di Torino, Italy) Vitrimer Based on Epoxidized Cardanol Resin and Cystamine for 3D Printing Applications
10h25 - 10h55	Coffee break		
	Session 3.1 - Chair: Stuart Rowan (Room 2)	Session 3.2 - Chair: Jean-Marie Raquez (Room 1)	Session 3.3 - Chair: Sandra Schlögl (Room 3)
10h55 - 11h20	Renaud Nicolaÿ (ESPCI, France) From Phase Separation to Nitrene Chemistry: Some Recent Advances in the Design of Dynamic Polymer Networks by Reactive Processing	Hans Heuts (TU Eindhoven, Netherlands) Tuning the Properties of Dynamic Polymer Networks using Catalyst-free Trans-reactions	Audrey Llevot (LCPO Bordeaux, France) Exploiting the Reversible Dimerization of N-Heterocyclic Carbenes to Access DPN with an Organocatalytic Activity
11h20 - 11h35	Daniel Schmidt (LIST, Luxembourg) Fundamentals of Transesterification in Epoxy Vitrimer	Stephan Maes (Ghent University, Belgium) Exploring Sulfonyl-Containing Motifs in Covalent Adaptable Networks	Matthias Udo Mayer-Kriehuber (Leoben, Austria) Unlocking the Future of Covalent Adaptable Networks: Thermally Latent Catalysts with Tailored Activation and Deactivation Temperatures
11h35 - 11h50	Sasan Moradi (U. Politècnica Catalunya, Spain) Development of Recyclable Thermally Conductive Vitrimer through Engineered Sequential Stress-Relaxation Dynamics	Tinatin Kouprava (LIST, Luxembourg) Selective Chemical Recycling of Polybenzoxazine Vitrimer-Based Flexible Electronics	Christoph Schmidleitner (Leoben, Austria) Frontal Polymerization of Thiol-Acrylate Covalent Adaptable Networks
11h50 - 12h05	Loc Tan Nguyen (Ghent University, Belgium) Dynamic Covalent Chemistry using β-Amino Amides for Robust, Recyclable Covalent Adaptable Networks	Hang Zhang (Aalto University, Finland) Interpenetrating Network Hydrogels: from Trainable Responses to Feedback-Controlled Dynamic Soft Devices	Devon Shipp (Clarkson University, USA) Dynamic Networks Based on Poly(Methacrylic Anhydride) and its Copolymers
12h05 - 12h30	Chris Bowman (University of Colorado Boulder, USA) Dual Cure Approaches Involving Dynamic Covalent Chemistry	Pierre Verge (LIST, Luxembourg) Polybenzoxazine-based Vitrimer: from Chemistry to Applications	Allan Guymon (Brigham Young Univ., USA) Controlled Radical Photopolymerization and Photoinitiation to Direct CAN Structure
12h30 - 13h30	Lunch**		
14h30 - 20h00	Free time for potential excursions		

** - 1 h discussion with invited/plenary speakers about DPN-nomenclature