MONDAY - 11th August - Click title for abstract			
11h30 – 13h45	Registration		
13h45 – 14h00	Welcome remarks - Chris Bowman & Filip Du Prez (Room 2)		
14h00 – 14h40	Plenary session - Chair: Chris Bowman **Stuart Rowan** (University of Chicago, USA) Dynamic Networks as a Route to Access Pluripotent Materials		
14h40 – 15h20	Coffee break		
	Session 1.1 - Chair: Chris Bowman (Room 2)	**Session 1.2** - Chair: John Torkelson (Room 1)	**Session 1.3** - Chair: Julia Kalow (Room 3)
15h20 – 15h45	**Philip Taynton** (Mallinda Inc., USA) Lessons learned: Commercial Development of Imine-linked Vitrimers	**Christoph Weder** (Univ. Fribourg, Switzerland) Stimuli-Responsive Polymers Based on Dynamic Bonds	**Rigoberto Advincula** (Univ. Tennessee, USA) 3D/4D Printing of Smart Network Materials with AI/ML Directed Properties
15h45– 16h00	**Jonas Debuyck** (Ghent University, Belgium) Low-Viscosity, Dynamic Amidoamine Hardeners with Tunable Curing Kinetics for Epoxy Adhesives	**Jonas Grün** (University of Jena, Germany) Reversible Electrostatically Crosslinked Networks from Star-Shaped Block Copolymers	**Tao Zhang** (Univ. Groningen, Netherlands) Dynamic Covalent Polymers for Stimuli-Responsive 4D Printing
16h00 – 16h15	**Xavier Montané** (University Rovira i Virgili, Spain) Exploring the Role of Rare-Earth Triflates as Catalysts in Modulating the Stress Relaxation and Creep Behavior of Poly(epoxy imine) Vitrimers	**Georges Formon** (Univ Fribourg, Switzerland) Expanding Supramolecular Polymers from Synthesis to Responsiveness	**Célia Ziane** (LIST, Luxemburg) Formulation and 3D Printing of High-Performance Epoxy-Amine Vitrimers
16h15 – 16h30	**Salomé Luce** (ESPCI Paris, France) Dynamic Silyl Ether Linkages for Advanced Material Design	**Maximilian Hagemann** (Aalto University, Finland) High-Performance Supramolecular Materials	**Armando Escribá-Flores** (Uni. Rovira i Virgili, ES) Advanced Co-Network Design and Properties of Dual-Cured Vitrimeric Acrylic/Epoxy Systems for 3D VAT Photopolymerization
16h30 – 16h55	**Wei Zhang** (University of Colorado Boulder, USA) Dynamic Polymer Networks with Closed-loop Recyclability Enabled by Dynamic Covalent Chemistry	**Enrico Dalcanale** (University of Parma, Italy) Non-covalent DPN: challenges and opportunities	**Katharina Ehrmann** (TU Wien, Austria) New Concepts for 3D Printing Dynamic Polymer Networks
16h55 - 17h15	Poster installation		
17h15 – 19h00	Poster session with drinks and snacks		

TUESDAY - 12th 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) Vitrimers 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 Vitrimers	**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 Vitrimers 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 Vitrimers: 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

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

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

THURSDAY - 14th August - Click title for abstract			
	Session 8.1 - Chair: Andrew Slark (Room 2)	**Session 8.2** - Chair: Katrien Bemaerts (Room 1)	**Session 8.3** - Chair: Enrico Dalcanale (Room 3)
09h00 - 09h25	**Sabyasachi Gaan** (Empa, Switzerland) Phosphorus-based Dynamic Covalent Adaptable Networks: Addressing Fire Protection and Recyclability as a Unified Solution	**Svetlana Sukhishvili** (Texas A&M Univ., USA) Shape Morphing Materials with Dynamic Covalent Bonds	**Michael Dickey** (NC State University) Tough Glassy Gels Crosslinked by Liquids
09h25 - 09h40	**Shermin Goh** (A*STAR IMRE, Singapore) One-Pot Synthesis of Covalent Adaptable Networks for Plastics and Energy Sustainability	**Sidonie Laviéville** (ICG Montpellier, France) Stabilized N,X-acetals: New Exchange Platforms for Vitrimer Application	**Davide Campagna** (University Mainz, Germany) Post-Fabrication Reconfiguration of Functional Crosslinking Segments in Polymer Gels
09h40 - 09h55	**Jolly Patro** (Northwestern University, USA) Investigating Mechanophore Activation in Covalent Adaptable Networks	**Huixing Cao** (Maastricht University, Netherlands) Dynamically Cross-Linking Polyaspartic ester with Epoxy resin: Biobased vs. Petroleum Based Solvent-free and Catalyst-free Vitrimers	**Kanykei Ryskulova** (IMP, INSA Lyon, France) Tunable Ionic Liquid-Based Dynamic Epoxies for Advanced Recyclable Thermosets
09h55 - 10h10	**Jung Kwon Oh** (Concordia University, Canada) Poly(hindered urea) Covalent Adaptive Network Materials for Energy Harvesting and Storage Applications	**Anna Vilanova** (Universitat Rovira i Virgili, Spain) Design of 3D Printing, Self-Repairing and Recyclable Biobased Acetals with Tunable Mechanical and Viscoelastic Properties	**Matias Paatelainen** (Tampere University, Finland) Live-Shaping of Hydrogel Thin Films with Light
10h10 - 10h25	**Gloria Signorato** (Univ. Hamburg, Germany) Magnetic Vitrimer Nanocomposites: Reprocessable and Multi-Responsive Materials	**Logan Chevret** (ICG Montpellier, France) Recyclable and High Tg Phenolic Urethane from Cashew Nut Shell Liquid and Biobased Isocyanate Crosslinker	**Mario Piedrahita-Bello** (Aalto University, Finland) Hierarchical Strengthening of Resilient Hydrogel Networks via a Self-Reinforcement Approach
10h25 - 10h55	Coffee break		
	Session 9.1 - Chair: Alexa Kuenstler (Room 2)	**Session 9.2** - Chair: Marc Guerre (Room 1)	**Session 9.3** - Chair: Michael Dickey (Room 3)
10h55 - 11h10	**Anahita Karimi** (UCL, Belgium/Univ. Groningen, Netherlands) Investigating the Rheological Properties of Dynamic Covalent Polyethylene Networks	**Xiaokong Liu** (Jilin University, China) Strong and Tough Supramolecular Covalent Adaptable Networks	**Taha Behroozi Kohlan** (KTH, Sweden) Schiff Base Crosslinked Dynamic Covalent Hydrogels with Tunable and Cell-Instructive Properties
11h10 - 11h25	**Alvaro Quinteros-Sedano** (UC Louvain, Belgium) Delving into the Viscoelastic Properties of Dioxazaborocane Vitrimers	**Takeo Suga** (Waseda University, Japan) New Bio-derived, Diels-Alder Adducts for Materials Recycling of Network Polymers	**Jessica Garcia** (Univ. North Carolina, USA) Injectable Bottlebrush Hydrogels Mimicking the ECM Softness
11h25 - 11h40	**Niklas Lorenz** (TU Delft, Netherlands) Engineering Composite Manufacturing with Dynamic Covalent Networks Bearing Aromatic Disulfide Bonds	**Aleix Costa Cornellà** (Vrije Univ. Brussel, Belgium) Engineering the Relaxation Dynamics of Polymer Networks by Combining Associative and Dissociative Dynamic Covalent Bonds	**Thomas Swift** (University of Bradford, UK) Incorporating Antibiotic Functional Highly Branched Polymers into Interpolymer Networks to Create Agglutionation Based Microbiology Sensors
11h45 - 12h25	Plenary session - Chair: Huaping Xu (Room 2)		
	Tao Xie (Zhejiang University, China) Designing Life Cycle Performance of Polymers via Dynamic Polymer Networks		
12h25 - 12h40	*Award Ceremony / Closing Remarks*		
12h40 - 14h00	*Lunch*		