



Symposium on Chain Transfer Catalysis for Sustainability

Villeurbanne (France), 15-16 September 2026

Final Program

The conference is co-organized by

Laboratory of Catalysis, Polymerization, Processes and Materials (CP2M). CNRS, Lyon1 University, CPE-Lyon

Institute for Molecular and Supramolecular Chemistry and Biochemistry (ICBMS). CNRS, Lyon1 University, CPE-Lyon

Manufacture Française des Pneumatiques Michelin



15 September 2026

Session Chair: Christophe Boisson

8.45-9.00	Opening
9.00-9.40	KNL1. Catalyst design for a circular polyolefin economy Rhett Kempe, University of Bayreuth
9.40-10.20	KNL2. Exploring Reaction Mechanisms in Polymerization Catalysis: From Active Site Dynamics to the Multiple Facets of Chain Transfer Agents Marie-Eve Perrin, CNRS, Lyon 1 University

Coffee break 10.20-10.50

Session Chair: Rob Duchateau

10.50-11.20	IL1. Block copolymers of ethylene and styrene prepared via chain shuttling polymerization Bo Liu, Changchun Institute of Applied Chemistry
11.20-11.40	CL1. Upcycling polycarbonate into multiblock copolymer using telechelic polybutadiene Nissrin Kanso, University of Lille
11.40-12h00	CL2. Synthesis of very low-density polyethylene using a branched olefin as modifier for polyolefins commodity plastics and blends thereof André Dickert, University of Bayreuth

Lunch 12.00-14.20

Session Chair: Rhett Kempe

14.20-15.00	KNL3. Cost-effective and Upscale Synthesis of High-Purity Diorganozinc Compounds for Coordinative Chain Transfer Polymerization Bun Yeoul Lee, Ajou University
15.00-15.30	IL2. Mechanistic Insights into Ethylene Chain Transfer in Gibson-type Catalyst through Experimental and Computational Investigations Yohan Champouret, University of Lille
15.30-16.00	IL3. Controlled radical and coordination polymerizations of ethylene. Degenerative chain transfer wins for both! Franck D'Agosto, CNRS, Lyon 1 university

Coffee break 16.00-16.30

Session Chair: Finizia Auriemma

16.30-17.10	KNL 4. Towards Industrial Scale Telechelics – Chain Transfer Agent Recovery in Recycle-by-Design Polyolefins Rob Duchateau, Sabic, University of Groningen
17.10-17.40	IL4. Synthesis of PE-<i>b</i>-iPP di- and iPP-<i>g</i>-PE multiblock copolymers via chain transfer polymerisation and plastic blend recycling Winfried P. Kretschmer, University of Bayreuth
17.40-17.50	Activation
17.50-18.00	Mettler Toledo

Poster session and Cocktail 18.00-19.30

16 September 2026

Session Chair: Bun Yeoul lee

9.00-9.40	KNL5. Switch polymerization and synthesis of sustainable polymers Dongmei Cui, Changchun Institute of Applied Chemistry
9.40-10.20	KNL6. Coordinative Chain Transfer Polymerization of Butadiene using Nickel(II) Allyl Systems: A Straightforward Route to Branched Polybutadiene Philippe Zinck, University of Lille

Coffee break 10.20-10.50

Session Chair: Marie-Eve Perrin

10.50-11.20	IL5. Chain-Transfer-Mediated Topological Modification of Polyethylene in Metallocene-Catalyzed Ethylene Polymerization Evgueni Kirillov University of Rennes
11.20-11.40	CL3. Reactivity of Grignard Reagents towards Nitrile in context of Polymerization Catalysis Jérémy Leroy, Michelin, Lyon 1 University
11.40-12.00	CL4. Synthesis of telechelic polyethylene building blocks via coordinative chain transfer polymerization Jannis Lipp, University of Bayreuth

Lunch 12.00-14.20

Session Chair: Philippe Zinck

14.20-15.00	KNL7. Chain Transfer Catalysis for Multiblock Polymer Design: Bridging Polyolefin Chain Shuttling and Partially Bio-Based PLLA/PCL Systems Finizia Auriemma, University of Naples
15.00-15.30	IL6. Polyethylene-like Polyesters: From Synthesis to Application Development Lidia Jasinska-Walc, Gdansk University of Technology
15.30-15.50	CL5. Selective Chain Scission of L-lactide / ϵ-caprolactone Chain Shuttled Copolymers Abbas Noon, University of Lille

Final discussion and Coffee 16.00-17.00

Poster Session

Poster 1. Up-Scale Synthesis of an Extremely Active Ethylene Tetramerization Catalyst

Go Eun Han, Ajou University

Poster 2. Sulfur Treatment of Coordinative Chain Transfer Polymerization Products for Extending Polyolefin Chains with Polysulfide Linkages

Wonbean Yang, Ajou University

Poster 3. Coordinative Chain-Transfer Polymerisation (CCTP) of 1,3-diene monomers mediated by Imino-Pyridine Iron Complexes

Raphaël Caulier, University of Lille

Poster 4. Coordinative Chain Transfer Polymerization (CCTP) of Ethylene using Iron-based Catalytic Systems

Rongyan Yuan, University of Lille

Poster 5. Anionic polymerization using bimetallic initiating systems. Application to the synthesis of block copolymers.

Olivier Boulan, Lyon 1 University