

Sunday, October 15		Technical Program
3:30 PM	REGISTRATION BOOTH OPENS	
4:45 PM	Introductory Remarks – Marc Hillmyer, University of Minnesota	
LECTURE SESSION I - Session Chair: Marc Hillmyer, University of Minnesota		
5:00 PM	1.	Keynote: Kate Beers, National Institute of Standards and Technology Polyolefin Circularity: Better Measurements and Data to Enable Change
5:30 PM	2.	Keynote: Andrew Dove, University of Birmingham Making and Breaking Sustainable Polymers with Light
6:00 PM	END DAILY SESSION & WELCOME RECEPTION	
Monday, October 16		
8:00 AM	CONTINENTAL BREAKFAST	
LECTURE SESSION II - Session Chair: Thomas Epps, III, University of Delaware		
9:00 AM	3.	Keynote: LaShonda Korley, University of Delaware Sustainability as a Roadmap for Materials Design
9:30 AM	4.	Keynote: Mahdi Abu-Omar, University of California, Santa Barbara Lignin based Materials for the Circular Economy
10:00 AM	5.	Robert Grubbs, Stony Brook University Synthesis and Properties of Polyester/Polyacetal Block Copolymers
10:20 AM	BREAK	
10:40 AM	6.	John R. Dorgan, Michigan State University Biobased Resins for Composites Manufacturing in the Circular Economy
11:00 AM	7.	Coleen Pugh, Wichita State University Functionalized PLA
11:20 AM	8.	Frank Liebfarth, University of North Carolina at Chapel Hill Biobased Resins for Composites Manufacturing in the Circular Economy
11:40 PM	END SESSION, NETWORKING TIME, LUNCH ON YOUR OWN	

Monday, October 16 (continued)

LECTURE SESSION III - Session Chair: Megan Robertson, University of Houston

3:00 PM	9.	Keynote: Brett Helms, Lawrence Berkeley National Laboratory Pathways to Biorenewable Circularity in Plastics
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3:30 PM	10.	Keynote: Elizabeth Gillies, Western University Self-Immolative Polymers: Chemical Designs and Applications
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4:00 PM	11.	Chris Ellison, University of Minnesota Compatibilizer Design for Mechanical Recycling of Mixed Plastic Waste
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4:20 PM		BREAK
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4:40 PM	12.	Sophie Guillaume, CNRS Stereoregular PHAs: When Polymerization Catalysis meets Stereoselectivity
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5:00 PM	13.	Li Jia, University of Akron Carbonylative Polymerizations as a Synthetic Platform for Sustainable Polymers
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5:20 PM	14.	Paul Brigandi, Dow Chemical Company Materials Innovation for a Sustainable Future
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5:40 PM		POSTER SESSION
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7:00 PM		END DAILY SESSIONS, DINNER ON YOUR OWN
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Tuesday, October 17

8:00 AM		CONTINENTAL BREAKFAST
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LECTURE SESSION IV - Session Chair: TBD

9:00 AM	15.	Michael Meier, KTH Royal Institute of Technology New Cellulose Chemistry from a Sustainability Perspective: Renewability is Not Enough
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9:30 AM	16.	Jeanette Garcia, IBM Quantum Computational Science for Chemistry and Sustainability
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10:00 AM	17.	Bradley Olsen, Massachusetts Institute of Technology High-Throughput Testing of Polymer Biodegradation
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10:20 AM		BREAK
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10:40 AM	18.	Sylvain Caillol, CNRS Closing the Loop of Polyurethanes: From Self-Heating Non-Isocyanate Polyurethanes to Vitrimers and Upcycling Materials
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11:00 AM	19.	Karin Odelius, KTH Royal Institute of Technology Closing the Loop on Sustainable Polymeric Materials
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11:20 AM	20.	Sunil Ashtekar, Shell Technology Center The Missing Links of Circular Plastics Economy – Continuous Innovation in Materials Selection for Flexible Packaging
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11:40 PM		END SESSION, NETWORKING TIME, LUNCH ON YOUR OWN
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 Tuesday, October 17 (continued)

 SESSION V – Session Chair: TBD

3:00 PM	21.	Paula Diaconescu, University of California, Los Angeles Redox Switchable Polymerization
3:20 PM	22.	Amy Landis, Colorado School of Mines Circular Economy Considerations for Plastics in the Caribbean
3:40 PM	23.	Andrea Kasko, University of California, Los Angeles Copolymerizations of Hydroxycinnamate-Based Compounds with Degradable Bio-Based Monomers
4:00 PM	24.	Louis Pitet, Hasselt University Generating Thermoplastic Copolyesters via Chemical Upcycling of Discarded Polyesters
4:20 PM		BREAK
4:40 PM	25.	Gang Fan, University of Rochester Whole-Cell Controlled Living Polymerization by Electrochemically-Active Bacteria
5:00 PM	26.	Jane Wissinger, University of Minnesota Sustainable Polymers as a Platform for Teaching Green Chemistry & Systems Thinking
5:20 PM	27.	Kris McNeill, ETH Zurich Biodegradation of Polyesters in Soil
5:40 PM	28.	Eleftheria Roumeli, University of Washington Designing Sustainable Polymers from Unprocessed Biological Matter
6:00 PM		END DAILY SESSIONS
6:15 PM		DINNER (TENTATIVE BANQUET)

 Wednesday, October 19

8:00 AM		CONTINENTAL BREAKFAST
LECTURE SESSION VI - Session Chair: Marc Hillmyer, University of Minnesota		
9:00 AM	29.	Keynote: Charlotte Williams, University of Oxford Block Polymer Thermoplastic Elastomers and Ionomers
9:30 AM	30.	Keynote: Jinwen Zhang, Washington State University Hydroxyl Mediated Dynamic Covalent Epoxy Systems: Properties, Potential Applications, and Recyclability
10:00 AM	31.	Bonnie Buss, University of Northern Colorado Photochemical Oxidative Deconstruction of Polystyrene
10:20 AM		BREAK
10:40 AM	32.	Stephen A. Miller, University of Florida Upcycled Polymers: The Obvious and Less Obvious
11:00 AM	33.	Joe Stanzione, Rowan University Barking Up the Right Tree: Sustainable Polymers Directly from Birch Tree Bark
11:20 AM	34.	Thomas Epps, III, University of Delaware Yes, You Can Make Money from Lignin and Other Polymer Waste
11:40 AM		EVENT CONCLUSION AND FINAL ACKNOWLEDGEMENTS Marc Hillmyer, University of Minnesota
