Tuesday, May 28

1:15-4:30 PM | Keller Hall, Room 3-210

Sustainability of Polymers 1

Microstructured Polymers Program (MP)
Chris Ellison, Program Leader

The sustainability of polymers is a multifaceted problem requiring consideration of raw materials, processing, end-use applications, environmental impact, governmental regulations, and societal behaviors. This workshop will give an overview of the Center for Sustainable Polymers at UMN, report on emerging materials research, provide insight on industrial progress and perspectives, and describe concepts of lifecycle analysis.

AGENDA

Time	**Title**	**Authors**
1:15	Recent Research Efforts in the Center for Sustainable Polymers	**Marc Hillmyer**-UMN
1:55	Advanced Life Cycle Assessment of Polymers Products	**Tim Smith**-UMN
2:25	History of Ingeo PLA and Recent Accomplishments through Research and Development	Joe Schroeder-**NatureWorks**
2:55	**Break**	
3:25	Sustainable Thermoplastic Elastomers with a Transient Network	**Megan Robertson**-Univ. of Houston
3:45	Interfacial Adhesion and Compatibilization with Multiblock Copolymers for Recycling	**Keiichiro Nomura**-Toray
4:05	Efficient Polymerization of Methyl-ε-Caprolactone Mixtures to Access Sustainable Polymers	**Derek Batiste**-UMN