



Western Mass / Western Japan Polymer Symposium

Thursday, August 17, 2017

Conte 1st Floor



University of
Massachusetts
Amherst

- 8:45 *Opening Remarks and Introductions*
- 9:00 Al Crosby, UMass Amherst
Deformation Mechanisms of Ultra-thin Polymer Glasses
- 9:25 Shota Fujii, Kitakyushu University
Discreteness and monodispersity in the aggregation number of Platonic micelles
- 9:50 Shaw Hsu, UMass Amherst
Development of Low Field NMR to characterize crosslinked polymeric structures
- 10:15 Hitoshi Shimamoto, Kyushu University
Precise synthesis of novel triblock copolymer with well-controlled stereoregularity and characterization of its molecular aggregation structure
- 10:40 *Break*
- 11:05 Maria Santore, UMass Amherst
Manipulating and Eliminating Bioadhesion with Polymer Brushes
- 11:30 Atsushi Takahara, Kyushu University
Precise Characterization of Polyelectrolyte Brushes at Aqueous Interfaces
- 12:15 *Lunch*
- 1:30 Tetsu Ouchi, UMass Amherst
The effects of thin film pattern geometry on surface instability modes of elastic bilayers
- 1:55 Tomoyasu Hirai, Kyushu University
Selective separation of fullerene molecules using a novel PMMA brush with well-controlled stereoregularity
- 2:20 Laura Bradley, UMass Amherst
HIP Materials: Harnessing Interfacial Phenomena to Design New Soft Materials
- 2:45 Masaru Mukai, Kyushu University
Control over stereoregularity of poly(3-hexylthiophene) by oxidative coupling polymerization in mesoporous materials
- 3:05 *Break*
- 3:35 Daniel Flagg, UMass Amherst
MQ Resins: Molecular Phantom Particles
- 4:00 Syuji Fujii, Osaka Institute of Technology
Stimuli-Driven Delivery and Release Systems Using Liquid Marbles