

GRS Program

Friday 16th of June

- 15:00 – 16:00 *Registration and settling in – Brant House*
- 16:00 – 18:00 *Ice breaking activities (Round 1) – Field outside Brant House*
- 19:00 – 20:30 *Dinner – Leonard Hall*
- 20:30 – 22:30 *Ice breaking activities (Round 2) – Grad Club 2nd Floor*

Saturday 17th of June

Lectures/Seminars/Posters in Ellis Hall Room 226

- 8:00 – 9:00 *Breakfast – Leonard Hall*
- 9:00 – 10:00 **Master Class by John Tsavalas**
**“Particle Morphology Control in Emulsion
Polymerization: The Critical Variables”**
- 10:00 – 11:00 *Student Talks (20 min each)*

Sara Beldarrain (POLYMAT-UPV/EHU – Spain): *Functionalized Latexes as Dispersants and Spacers for Inorganic Particles in Waterborne Coating Formulations.*

Yinan Li (Chinese University – Hong Kong): *Measuring Nanoparticle-Nanoparticle Interaction by Total Internal Reflection Microscopy.*

Zhengao Shi (Chinese University – Hong Kong): *Pickering PU silica. Porous Film Fabrication for Synthetic Leather Through Templating Water-borne Polyurethane and Hydrophobic Silica Particles Co-Stabilized Pickering Foam.*

- 11:00 – 11:30 *Coffee Break*

11:30 – 12:30 *Student Talks (20 min each)*

Ainara Agirre (POLYMAT-UPV/EHU – Spain). *Synthesis and Characterization of ABS Polymers using Polymerizable Surfactants.*

Sandra Smeltzer (Queen's University – Canada). *Structure-Property Relationship of Amphiphilic Block-Random Copolymers.*

Thibaut Fevrier (C2PM Lyon CNRS – France). *Surfactant-Free Emulsion Polymerization of Vinylidene Fluoride Mediated by Various Reactive Poly(Ethylene Glycol) Chains.*

12:30 – 14:00 *Lunch– Leonard Hall*

14:00 – 15:30 **Master Class by Mohammad El-Aasser**

“My 50-Years Journey with Miniemulsions”

15:30 – 16:30 *Student Talks (20 min each)*

Magalie Shoumacker (C2PM Lyon CNRS – France). *Toward IR-induced Radical (Mini)Emulsion Photopolymerization with Organo-Soluble and Water-Soluble Photoinitiators.*

Yung-Chun Lin (University of New Hampshire – USA). *Investigation of Radical Diffusion Within Latex Particles During Emulsion Polymerization Through Dynamic Modelling.*

Zachary Hollins (University of New Hampshire – USA). *Mechanistic Study of Allyl Methacrylate as a Crosslinking Agent in Emulsion Polymerizations.*

16:30 – 18:00 *Poster Session 1*

18:30 – 20:00 *Dinner– Leonard Hall*

20:00 – 23:00 *Social activities – Juniper Café*

Sunday 18th of June

8:00 – 9:00 *Breakfast– Leonard Hall*

9:00 – 10:00 **Master Class by Takaya Terashima**

“Precision Synthesis and Self-Assembly of Amphiphilic Polymers: From Design to Nanostructure Control and Functions”

10:00 – 11:00 *Student Talks (20 min each)*

Huanhuan Ma (C2PM Lyon CNRS – France). *Synthesis of Poly(Methacrylic Acid)-Stabilized SiO₂/Poly(Methyl Methacrylate) Nanocomposite Colloids by Nitroxide-Mediated Surface-Initiated Polymerization-Induced Self-Assembly.*

Steven Thompson (University of New South Wales – Australia). *Utilizing Customizability of Polymerization-Induced Self-Assembly (PISA) for Preparation of Sequenced-Defined Multiblock Copolymers.*

Suren Wang (C2PM Lyon CNRS – France). *From Surfactant-Free Latexes to Vitremer Films: The Key Role of the Hydrophilic Macromolecular Stabilizer.*

11:00 – 11:30 *Coffee Break*

11:30 – 12:30 *Student Talks (20 min each)*

Alvaro del Castillo (POLYMAT-UPV/EHU – Spain). *Epoxy/Styrene-Acrylic Hybrids for Anticorrosive Steel Coatings.*

Laura Sinniger (C2PM Lyon CNRS – France). *Synthesis of Block Copolymers Based on Ethylene and Methyl Methacrylate by Combining Catalytic Chain Transfer Polymerization (CCTP) and Radical Emulsion Polymerization in Water*

Mehdi Naderi (POLYMAT-UPV/EHU – Spain). *Synthesis and Characterization of the Redispersible Latexes.*

12:30 – 14:00 *Lunch– Leonard Hall*

14:00 – 15:00 **Master Class by Samane Mehravar**

“Sustainability for Chemical Industries: Tools and Challenges”

15:00 – 15:40 *Student Talks (20 min each)*

Ana Trajcheva (POLYMAT-UPV/EHU – Spain). *Novel strategies to Reduce End of Reaction VOCs in Acrylic Waterborne Systems.*

Emily M. Brogden (University of Warwick – UK). *Hard-Soft Polymer Colloid Mixtures for Waterborne Linerless Pressure Sensitive Adhesives.*

15:40 – 17:10 *Poster Session 2*

18:00 – 19:30 *Dinner at University Club (IPCG Conference Begins)*