

Session Program

15-19 May 2023



8th Pacific Rim Conference on Rheology

Polymer Solutions and Melts

University of British Columbia, Point Grey Campus, Mathematics & Geography Buildings
1984 Mathematics Rd / 1984 West Mall Vancouver, BC V6T 1Z2 CANADA

Thursday 18 May

14:00

Polymer Solutions and Melts

Session | **Location:** Mathematics Building, Room 104, 1984 Mathematics Rd Vancouver, BC V6T 1Z2 |

Convener: Ravi Jagadeeshan

14:00–14:20

ADVANCED POLYMER RHEOLOGY BASED ON RHEO-OPTICAL TOOLS AND A DUAL MOTOR DEVICE

Speaker

Joerg Laeuger

14:20–14:40

UNIVERSAL DIFFUSION OF DENDRIMERS IN SEMIDILUTE SOLUTIONS OF LINEAR POLYMERS

Speaker

Ravi Jagadeeshan

14:40–15:00

The Effect of the Solvent Dielectric Constant on the Conformation and Dynamics of Polyelectrolytes in Solution

Speaker

Atsushi Matsumoto

15:00–15:20

RECENT ADVANCES IN POLYMER VISCOELASTICITY FROM GENERAL RIGID BEAD-ROD THEORY

Speaker

Prof. Alan Jeffrey Giacomin

15:20–15:40

Improvement of Heat Resistance using Physical Aging in Polystyrene Injection Moldings

Speaker

Mr Kosaku Tao

15:40

Friday 19 May

10:30

Polymer Solutions and Melts

Session | **Location:** Geography Building, Room 212, 1984 West Mall Vancouver, BC V6T 1Z2 | **Convener:** Ravi Jagadeeshan

10:30-11:10

KEYNOTE: Modular material properties in bimodal blends of amine functionalized polyolefins

Speaker

Benjamin Yavitt

11:10-11:30

Linear Viscoelastic Properties of Comb-Shaped Ring Polystyrenes

Speaker

Yuya Doi

11:30-11:50

Application of a robust self-healing experimental protocol for associating polymers

Speaker

Ms Nafiseh Moradinik

11:50