

Water Frontier Research Center (WaTUS)
Research Institute for Science and Technology (RIST),
Tokyo University of Science

2nd International Workshop for Interfacial Thermofluidics

Date : August 19th (Tue), 2025

Venue : CR3(会議室 3), Research Building 4F, Katsushika Campus,
Tokyo University of Science

Program

14:00 Opening remarks

14:10-14:50 Complex flow behavior of viscoelastic fluids in microchannel

Yoshiyasu Ichikawa

Dept. Mechanical Engineering, Tokyo University of Science

14:50-15:30 Liquid-liquid-Encapsulation: A game-changing technology

Sushanta Mitra

Executive Director, Waterloo Institute for Nanotechnology
Dept. Mechanical and Mechatronics Engineering, University of Waterloo

15:30-15:40 Break

15:40-16:20 Wetting dynamics of polymer solution droplets following impact:
Insights from imaging and scaling

Koji Hasegawa

Dept. Mechanical Engineering, Kogakuin University

16:20-17:00 Metastable vapor layer at surface temperature below the Leidenfrost point

Ken Yamamoto

Dept. Mechanical Engineering, Kogakuin University

17:00-17:10 Closing remarks
