

ASIA PACIFIC SOCIETY OF RHEOLOGY

WORKSHOP 2026 in OSAKA



Organized by the Asia-Pacific Society of Rheology and the Society of Rheology, Japan
Co-organized by the Graduate School of Engineering Science, Osaka University

Preface:

The Asia Pacific Society of Rheology is pleased to announce the International Workshop 2026, scheduled for June 5, 2026, in Osaka, Japan. This International Workshop brings together leading researchers, academics, and industry practitioners from across the Asia-Pacific region and beyond to share recent advances in rheological research and theory, present innovative applications of rheology in industrial processes, foster collaborative discussions on contemporary challenges in the field, and provide networking opportunities for early-career researchers and established scientists. The workshop encompasses a comprehensive range of topics within rheology, including, but not limited to, non-Newtonian fluid mechanics, viscoelasticity and viscoplasticity, polymer rheology and processing, complex fluids and soft matter, rheological measurements and instrumentation, and industrial applications and process optimization.

Venue:

Osaka University, Sigma hall

Date:

June 5th, 2026

Program (invited talks only)

9:00 – 9:45	Ian Frigaard (University of British Columbia, keynote) Bubbles in yield stress fluids
9:45 - 10:00	Break
10:00 – 10:30	Seyed Mohammad Taghavi (Université Laval) Displacement flows of viscoplastic fluids: challenging interfaces and complex interfacial dynamics
10:30 – 11:00	Kohei Ohie (Nagoya University) Velocity-profiling-assisted rheometry for evaluating the rheology of complex fluids
11:00 – 11:30	Erika Nozawa (Yamagata University) A complex systems approach for dairy processing:

	From macroscopic rheological texture to microscopic particle structure
11:30 – 12:00	Atsuko Namiki (Nagoya University)
	Measuring the rheology of crystal-bearing magma
12:00 – 13:30	Lunch Break
13:30 - 14:00	Kang Kim (Osaka University)
	Molecular dynamics simulations for elucidating the Stokes-Einstein relation in polymer melts under steady-state shear flow
14:00 – 14:30	Fumiaki Nakai (Osaka University)
	Yielding in crystalline granular media
14:30 – 15:00	Charu Datt (Keio University)
	Dynamics of active particles in complex fluids
15:00 – 15:15	Break
15:15 – 15:45	Chaimongkol Saengow (Thammasat University)
	TBA
15:45 – 16:15	Atsushi Matsumoto (University of Fukui)
	Rheology of polyelectrolyte solutions
16:15 – 16:45	Yuma Morimitsu (Kyushu University)
	Visualization of Segment-like Motion in Isolated Polystyrene Chains Confined at an Solid Interface
16:45 – 17:15	Hossein Rahmani (University of British Columbia)
	TBA
17:15	Closing

Contact

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