

## **Session Program**

**15-19 May 2023**



## **8th Pacific Rim Conference on Rheology**

### ***Emulsions, Foams and Bubbles***

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

## Thursday 18 May

10:30

### Emulsions, Foams and Bubbles

**Session** | **Location:** Geography Building, Room 147, 1984 West Mall Vancouver, BC V6T 1Z2 | **Convener:** Marjan Zare

10:30–10:50

#### Controlled Collision of Hele-Shaw Droplets in Extensional Flow Using a Six-Port Microfluidic Device

##### Speaker

Aysan Razzaghi

10:50–11:10

#### Bubbles in Yield Stress Fluids: Link between the Rheology and Stability of Bubbles

##### Speaker

Masoud Daneshi

11:10–11:30

#### PREPARATION AND PROPERTIES OF CONDUCTIVE FOAMS VIA HIGH INTERNAL PHASE EMULSION

##### Speaker

Prof. Seong Jae Lee

11:30–11:50

#### Shear-triggered Coalescence

##### Speaker

Alireza Mashayekhi

11:50–12:10

#### A New Instrument for Interfacial Dilational Rheology

##### Speaker

Yun-Han Huang

12:10

14:00

### Emulsions, Foams and Bubbles

**Session** | **Location:** Geography Building, Room 147, 1984 West Mall Vancouver, BC V6T 1Z2 | **Convener:** Arun Ramachandran

14:00–14:40

#### KEYNOTE: Squeezing of a concentrated emulsion with surfactant through a periodic porous medium

##### Speaker

Alexander Zinchenko

14:40–15:00

#### The effect of surface viscosity on droplet breakup and relaxation under extensional flow

##### Speaker

Prof. Vivek Narsimhan

15:00–15:20

#### Flow and instability induced by bubbles rising in a two-layer fluid system

**Speaker**  
Marjan Zare

15:20–15:40

**DYNAMICS AND MIXING OF TRAPPED DROPLETS**

**Speaker**  
Gesse Roure

15:40