

Session Program

15-19 May 2023



8th Pacific Rim Conference on Rheology

Poster Session

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

Tuesday 16 May

19:00

Poster Session: Welcome Reception & Poster Session

Poster Session | **Location:** University Centre, The Sage, 6331 Crescent Rd, Vancouver, BC V6T 1Z1

Active Particles Crossing Sharp Viscosity Gradients

Speaker

Jiahao Gong

ADVANCES IN CONE-PLATE RHEOMETERS FOR BUSY LABS

Speaker

David Moonay

Dynamical behavior of an aqueous foam in a liquid-filled Hele-Shaw cell

Speaker

Fatemeh Bararpour

EFFECT OF THE TEMPERATURE ON THE RHEOLOGICAL BEHAVIORS OF LITHIUM-ION BATTERIES ANODE SLURRY

Speaker

Rheological differences in anode slurries caused by shape difference between natural and synthetic graphite

Speaker

Yeeun Kim

TWO-STEP YIELDING BEHAVIOR OF CONCENTRATED LITHIUM-ION BATTERY ANODE SLURRY

Speaker

Jun Dong Park

JAMMING MECHANISMS OF DILUTE FIBRE SUSPENSIONS UNDER DEAD-END AND CROSS-FLOW CONDITIONS

Speaker

Mr Miguel Esteban Villalba Chehab

Diagnosing the state of the battery slurries using a machine learning technique

Speaker

Seunghoon Kang

Rheology and Drag Reduction and Engineering Applications of Novel Oil-phase Suspended Polyacrylamide Slicker water Fracturing Fluids

Speaker

Mr Yongjun Lu

Effect of Asphaltene on the Rheological Properties of Bitumen

Speaker

Jourdain Piette

Capillary imbibition in a diverging flexible channel

Speaker

Mouad Boudina

DYNAMIC VISCOELASTICITY AND SPINNING BEHAVIOR OF AN ORGANOGELEATOR, PMDA-R, DISSOLVED IN VARIOUS OILS**Speaker**

Aya Kaide

INFLUENCE OF VISCOSITY HIERARCHY ON DENSITY-UNSTABLE FLUID-FLUID DISPLACEMENT IN VERTICAL CONCENTRIC ANNULI**Speaker**

Maryam Ghorbani

Rheology and Self-Assembly of Carboxylated Cellulose Nanocrystals**Speaker**

Ms Madeleine Hallman

EFFECT OF CARBON NANOTUBES (CNTs) DISPERSITY IN AG/POLYDIMETHYLSILOXAN (PDMS) COMPOSITE CONDUCTORS**Speaker**

EunHui Jeong

EVALUATION OF THE LIQUID HOLDUP IN A STRATIFIED GAS-LIQUID INCLINED PIPELINE ACCORDING TO THE HERSCHEL-BULKLEY FLUID MODEL**Speaker**

Prof. Jingyu Xu

Gelatinization of Individual Starch Granules**Speaker**

Lanxin Mo

Microrheology of Polyelectrolyte Solutions in the Semidilute Entangled Regime**Speaker**

Atsushi Matsumoto

PREDICTING THE RATE OF CEMENT PLUG FAILURE**Speaker**

Scott Charabin

RHEOLOGICAL METHOD TO INVESTIGATE PSEUDOLAYER COMPRESSION ELASTIC CONSTANT AND THE DYNAMICS OF THE TWIST-BEND NEMATIC LIQUID CRYSTAL**Speaker**

mylapalli praveen kumar

EFFECTS OF RELAXATION TIME OF POLYMER SOLUTIONS ON THE SPATIO-TEMPORAL FLUCTUATION IN A TWO-DIMENSIONAL FLOW**Speaker**

Kengo Fukushima

OPTIMIZATION OF THE DRAG-REDUCING EFFECT BY CONTROLLING THE PREPARATION CONDITIONS OF ADDITIVES**Speaker**

Takashi Saeki

DEVELOPMENT OF EXTENSIONAL RHEOMETER USING PARALLEL DISK RING

Speaker

Mr Yukihiro Mineyama

Deformational Vorticity in Constitutive Equations: The Co-Rigid Rotational Maxwell Model

Speaker

Cody Mischel

Measuring Transient Extensional Viscosity using Filament Stretching on an ARES G2 Rheometer

Speaker

Tianhong Chen

IMPACT OF EXTENT OF DIGESTION ON THE SHEAR RHEOLOGICAL BEHAVIOUR OF ANAEROBIC DIGESTED SLUDGE

Speaker

Prof. Nicky Eshtiaghi

22:00