

NUMERICAL MODELING OF GRANULAR AND MULTIPHASE FLOWS

*Mikio Sakai*¹ and Wei Wang² and Hideya Nakamura³*

¹The University of Tokyo

²Chinese Academy of Sciences

³Osaka Metropolitan University

MINISYMPOSIUM

Join us for this mini-symposium as we bring together esteemed experts from around the globe to discuss the latest breakthroughs in numerical modeling of granular and multi-phase flows. This symposium will be a platform to explore the cutting-edge advancements in various aspects, covering granular flows, gas-solid flows, solid-liquid flows, and gas-solid-liquid flows.

This symposium warmly welcomes submissions featuring innovative methods related to the **Discrete Element Method (DEM)**, **Smoothed Particle Hydrodynamics (SPH)**, **Volume-of-Fluid (VOF)**, and **Lattice Boltzmann Method (LBM)**, among others.

Please don't miss the opportunity to engage with experts in the field and gain insights into the state-of-the-art modeling techniques that drive advancements in granular and multi-phase flows.