

Poster Session GFR 2024

Térence Desclaux (IMFT)	Mechanical behavior of a confined yeast clog
Midhun Puthumana Melepattu (INP)	Dissociation of red blood cell aggregates under extension
Alexandre Ortega (CENTURI-LMA)	A new acoustic technique to study suspended cells viscoelasticity at long timescales
Martin Lardy (Irphe)	Machine learning for inference of tissue rheology
Klebbert Andrade (CNRS/Saint Gobain)	Grain dispersion in smooth granular flows
Aubin Archambault (IUSTI)	Mechanics of active fibers assemblies: Fitting a poplar tree in the lab
Pascale Aussillous (IUSTI)	Discharge Flow of a Granular Media from a Silo: Experimental investigations and continuum modeling
Abdoulaye Fall (Navier)	Rhéologie des Granulaires Partiellement Mouillés
Stéphanie Deboeuf (d'Alembert)	Slip velocity at high slope angles in dry granular flows
Quentin Houssier (CMAP)	A gluey contact model with friction for the numerical simulation of immersed granular media
Ahmad Khalil (Mines Alès)	Insights into the rheological behavior of mineral suspensions used in cement industry
Nissrine Loukili (Grenoble INP)	Exploring the degradation of cationic polyacrylamide flocculants during rheological measurements
Geoffroy Lumay (University of Liège)	Tribocharging of flowing granular materials: experiments and DEM simulation with patchy particles
Filip Francqui (Granutools)	Influence of temperature on the flowability of powders
Nicolas Teraube (Université de Montpellier)	Optimisation de l'empilement granulaire de poudre de verre
Hadj Djelloul Mohamed (LRTTFC)	Rheological Analysis of Wastewater Sludge as an Innovative Drag Reduction Agent
Hector Urra (Universidad de Chile)	Time-dependent rheology in granular media
Aurelien Neveu (Granutools)	Influence of temperature on the flowability of powders
Gianluca Gerardi (FAST)	Microstructural and rheological analysis of silica colloids: a DEM study
Anne-Sarah Amblard (IST Grenoble)	Effects of friction on MEB model for sea ice
Xavier Lacambra Andreu (CEA)	Enhancing 3D Printability of Metakaolin Based Geopolymers for Liquid Waste Filtration Applications
Vivaswan ChandraShekar (LRP)	Flow Asymmetry enhanced by Viscoelasticity
Edith Peuvrel-Disdier (CEMEF)	Modeling of chemical foaming of rubber compound and validation
Trystan Domenech (INRAe Reims)	Microfluidics-based synthesis of hydrogel microparticles from nanoemulsions precursors for efficient encapsulation and release
Gonçalves Marques (INSA Lyon)	Evolution of rheological properties and microstructure of PET: effects of reprocessing and formulation
Isabelle Hénaut (IFPEN)	Impact of interfaces properties on flotation efficiency- comparison of homopolymer and associative polymer
Alain Ponton (MSC)	Hydrogels composites pour adsorption sélective
Théo Rebiere (Université de Pau)	A new way to adapt elastomers for additive manufacturing: a controlled rheologic behavior
Ilaria Castaldi (IUSTI)	Stirring liquids of unequal viscosities: why won't it mix?
Alexis Varon (CEA)	Exploring an innovative way to shape metakaolin based geopolymer for radionuclides decontamination
Duncan GILBERT (L'Occitane)	Beauty in Motion: How Rheology Saves Cosmetic Production
Raphaël Poryles (GEPEA)	Emulsion ink formulation for 3D food printing