Special Issue

Dynamic Modelling and Simulation of Granular Materials in Multiphase Systems

Message from the Guest Editors

Granular materials widely encountered in industry and in nature can range in size from nanometres to centimetres; some examples are salt, sugar, sand, soils. mineral ores, agricultural grains and many industrial solids. Granular materials show unique behaviour that is different from solids and fluids. Various physical and numerical experiments have been conducted to understand the features and the relevant mechanisms for different granular materials and processes at various scales. These studies have the potential to develop general theories and improve the design capacity for particulate and multiphase processing. This special issue entitled "Dynamic Modelling and Simulation of Granular Materials in Multiphase Systems" seeks highquality research focusing on the experimental and numerical studies on granular materials and processes. Topics include, but are not limited to, the following:

- Granular flow:
- Simulation/modelling of granular materials;
- Particle-fluid flow
- Processing and handling of bulk/particulate materials;
- Powder/particle technology;
- Dynamics of granular materials;
- Particle properties.

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