



INVITED SESSION

Advances of particle shape and scale in DEM enabled by GPU/HPC computing

ORGANIZERS

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ABSTRACT

This mini-symposium provides a platform for academic and industrial researchers to share their contributions in the simulation of particle systems made up of complex natural and manufactured shapes. Contributions from the diverse range of particle shape representations and related interaction modeling approaches are invited along with large scale applications of simpler shapes. There will be a special focus on the needs in terms of accuracy versus computational cost as well as the choice of computing architecture in terms of solving real world granular material problems.