

Posters B

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| Mohammed Istafaul Haque Ansari | Pattern-transition dynamics, exotic phase-coexistence and controlled convection in vertically vibrated granular matter |
| Dongwhi Choi | Advantageous utilization of triboelectric effect based electric signal generation in engineering |
| Florence Chioma Onyeagusi | Alignment and Aggregation of Sub-mm Particle Clusters through Dipole Moments in Large Electric Fields |
| Felix Pertl | Fantastic surface charges and where to find them |
| Nicolas Preud'homme | Model of cohesion in granular materials using numerical simulations |
| Rainer Schraepler | Preparation of an ISS-Experiment to observe Particle motion and growth to understand early planet formation: The effect of charged and dipole - charged particles |
| Ravichandran Sivaramakrishnan | Numerical simulations of charge transfer between colliding bodies |
| Juan Carlos Antonio Sobarzo Ponce | Investigating the relationship between humidity and surface heterogeneity in same-material tribocharging |
| Ya-Chun Wang | Lunar Regolith Dust Mitigation |

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Alfred Weber

**Triboelectric charging of nanoparticles
and microparticles in particle-wall
collisions**

Wenchao Xu
Holger Grosshans
Gizem Özler

**Explosion hazards during pneumatic
powder conveying**