Posters A

Francesca Orsola Alfano DEM analysis of triboelectric charging of

carrier particles inside the capsule of a

carrier-based Dry Powder Inhaler

Josh Armitage Investigating the Influence of Friction and

Material Wear on Triboelectric Charge Transfer in Metal-Polymer Contacts

Olfa D'Angelo Rheology of Lunar regolith on the Moon

Galien Grosjean Using sound to shed light on

tribocharging

Dana Harvey Charge Decay on Levitated Particles in

Atmospheric Conditions

Kolja Joeris Excessive dipole moment on collisionally

charged dimers explained by mesoscopic

charge patches

Felix Jungmann Drop Tower experiments reveal charge

transfer by ions on dielectric grains

Isaac Lenton Observing elementary charge exchange

between an optically trapped micro-

particle and air

Andre Mölleken Experimental Setup to Study the

Dynamics of Contact Electrification

Posters A

Cecelia Mweka Combining acoustic levitation and

capacitive sensing to probe same-material

tribocharging

Erasmo Salvatore Napolitano Modelling triboelectric charging in

fluidized bed by coarse grained DEM-CFD