

Wednesday March 26

Shuttles Depart from Vienna to ISTA	7:50
Shuttles Depart from Klosterneuburg to ISTA	8:05
Registration and Coffee	8:30-9:00
Welcome	9:00-9:10
Invited Session 1	
Spontaneous charging of sliding water drops Hans-Jürgen Butt	9:10-9:45
Volcanic electrification: from ash plumes to geysers Corrado Cimarelli	9:45-10:20
Charged matter in exoplanet atmospheres Christiane Helling	10:20-10:55
Coffee	10:55-11:15
Contributed Session 1	
Triboelectrification of oxide insulators Galien Grosjean	11:15-11:30
Electrifying polymers with ion implantation for electrochemical conversion Peter Sherrell	11:30-11:45
Growing centimeter-sized clusters from charged sub-millimeter grains Jakob Penner	11:45-12:00
How discharge dynamics control the liquid-solid contact electrification of a bouncing drop Rachel Piednoir	12:00-12:15
Dipolar polymer brushes: a study of the effect of an external field in brush force profiles Joan J. Cerda	12:15-12:30
Lunch	12:30-13:45
Static Showdown	13:45-14:00
Invited Session 2	
The driving force of charge transfer in polymer contact electrification Andris Šutka	14:00-14:35
Modeling triboelectric charging using DEM with the moon in mind Christine Hartzell	14:35-15:10
Triboelectrification through coffee Joshua Méndez-Harper	15:10-15:45
Coffee	15:45-16:15
Contributed Session 2	
Flexoelectricity and surface ferroelectricity of water ice Xin Wen	16:15-16:30
Polarization effects in electrostatic interaction and charge exchange models between spherical particles Maria Giordano	16:30-16:45
Triboelectric charging of rough particle surface: modeling study Jarmila Pelcová	16:45-17:00
Tribocharging during water intrusion-extrusion into-from nanopores: from regenerative shock absorbers to self-powered pressure and temperature nanosensors Yaroslav Grosu	17:00-17:15
Spontaneous charge-driven surface oscillations on adhesive silicone gels Katharine Jensen	17:15-17:30
Poster Session (with Drinks and Buffet)	17:30-19:30
Shuttles Depart from ISTA to Klosterneuburg/Vienna	19:40

Thursday March 27

Shuttles Depart from Vienna to ISTA	7:50
Shuttles Depart from Klosterneuburg to ISTA	8:05
Coffee	8:30-9:00
Invited Session 3	
Triboelectrification of particulate solids Mojtaba Ghadiri	9:00-9:35
Granular tendrils Troy Shinbrot	9:35-10:10
Liquid-liquid phase separation driven by charge heterogeneity Emanuela Bianchi	10:10-10:45
Coffee	10:45-11:15
Contributed Session 3	
Anisotropic DLVO-like interaction for charge patchiness in colloids and proteins Anze Bozic	11:15-11:30
Electrokinetic spectroscopy of ion dynamics near charged surfaces using modulated surface acoustic waves Ofer Manor	11:30-11:45
Exploring triboelectric charging mechanisms with density functional theory James Middleton	11:45-12:00
Surface charge dynamics in dielectric materials and their influence on AFM measurements Mario Navarro-Rodriguez	12:00-12:15
Modeling of charged particles in dense granular matter Matthias Sperl	12:15-12:30
Lunch	12:30-13:45
Lightning Round	13:45-14:00
Invited Session 4	
From charge distributions to gravity-free interactions: a two-front approach to understanding granular tribocharging Nicolás Mujica	14:00-14:35
Electrostatic charges and arthropod ecology Beth Harris	14:35-15:10
Lightning in a planet forming region: generation and implication Taishi Nakamoto	15:10-15:45
Coffee	15:45-16:15
Contributed Session 4	
Spontaneous ordering of identical materials into a triboelectric series Juan Carlos Sobarzo	16:15-16:30
Triboelectrification of functionalized glass beads during pneumatic conveying Wei Pin Goh	16:30-16:45
Charging of regolith particles under UV and ion irradiation and its effects on electrostatic mitigation technique for lunar explorations Masato Adachi	16:45-17:00
Electric and magnetic field-induced morphology transitions in desiccation cracks Dillip Satapathy	17:00-17:15
Tribocharging of granular matter: from bulk flow to flying grains Geoffroy Lumay	17:15-17:30
Shuttles Depart from ISTA to Klosterneuburg/Vienna	18:00

Friday March 28

Shuttles Depart from Vienna to ISTA	7:50
Shuttles Depart from Klosterneuburg to ISTA	8:05
Coffee	8:30-9:00
Invited Session 5	
In situ and operando characterization of photo- and electrocatalytically active faceted nanoparticles Frieder Mugele	9:00-9:35
Atmospheric electricity on Earth and Venus Blair McGinness	9:35-10:10
Unconventional additives for static charge dissipation on common polymers Bilge Baytekin	10:10-10:45
Coffee	10:45-11:15
Contributed Session 5	
The role of thin dielectric layers in contact electrification of metals Rolf Möller	11:15-11:30
Charged granular gases Thorsten Pöschel	11:30-11:45
Ultrasoft charged micelles with long-range electrostatic interactions Andrea Giuntoli	11:45-12:00
Removal of model polystyrene microplastics by induced aggregation Brijitta Joseph Boniface	12:00-12:15
Contact electrification of a single particle Simon Jantač	12:15-12:30
Lunch	12:30-13:45
Conference Photo (patio next to conference room)	13:45-14:00
Invited Session 6	
Static charge is an ionic molecular fragment Siow Ling Soh	14:00-14:35
A new stochastic particle charging model Holger Grosshans	14:35-15:10
Electrostatically charged aerosols for lung scintigraphy Philip Kwok	15:10-15:45
Coffee	15:45-16:15
Contributed Session 6	
Measuring electric charging and discharging of individual aerosol particles in an optical trap Andrea Stoellner	16:15-16:30
Triboelectric charge contributions in Faraday cup measurements Tom O'Hara	16:30-16:45
How surface and substrate chemistry affect slide electrification Mariana Sosa	16:45-17:00
Granular flows in reduced gravity: to flow or not Olofa D'Angelo	17:00-17:15
Charged granules in granular flows Jun Yao	17:15-17:30
Shuttles Depart from ISTA to Conference Dinner	17:45
Conference Dinner at Restaurant, "Mayer am Pfarrplatz"	18:10-20:45
Shuttles Depart to Klosterneuburg/Vienna	21:00