

ELECTROSTATICS 2013

BUDAPEST – HUNGARY

1st Announcement

THE CONFERENCE

The International Conference on Electrostatics is a quadrennial conference that has been successfully held around Europe in the last 40 years. The Conference provides a unique interdisciplinary forum for discussion about the electrostatic phenomena and the industrial applications. Fundamentals, applications, hazards, measuring techniques, standards and other related topics are within the scope of the conference. Conference Electrostatics 2013 will take place in Budapest, HUNGARY, April 2013.

ORGANIZERS

The Conference is organized by Budapest University of Technology and Economics on behalf of the European Working Party „Static Electricity in Industry” (EFCE).

Website: www.static-electricity.eu

CONTACTS

www.electrostatics2013.org

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TOPICS

- **Fundamentals** (charged particle physics and chemistry, contact and frictional charging, atmospheric industrial and environmental electricity, electrostatic forces and fields, adhesion and repulsing, modeling and computation)
 - **Applications and Processing** (particle control and charging, electrostatic precipitation, painting and flocking, powder coating and pesticide spraying, separation and sorting, displays and printing technology, electrofluidisation, space applications, biological and medical applications, MEMS and BioMEMS)
 - **ESD/EOS** (static control in electronic industry, factory level ESD considerations, EMI due to ESD, corona and gas discharge, cleanroom electrostatics, ESD waveforms, ESD protection)
 - **Hazards and Risk** (static charging and elimination, electrostatic problems and hazards in industries, ignition measurements and tests, risk assessment and management, electrostatic expert systems, health effects)
 - **Liquids** (flow electrification, electrostatic atomization and droplets, electrohydrodynamics and electroaerodynamics)
 - **Solids and Powders** (surface and space charges, electrostatically conductive, dissipative and insulating materials, fibres and textiles, coating and packaging, aerosols and electrets, microtechnologies and nanomaterials, fibers and nanofibers)
 - **Measuring Techniques and Equipment** (electrostatic instrumentation, novel measuring methods, electrostatic sensors)
- Standards and Regulations** (new standards and safety regulations, methods and procedures, history of electrostatics)



April 2013, Budapest, HUNGARY
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