



Electrostat-Ex 2013

11 December 2013

Hilton Manchester Airport Hotel, Manchester, UK

<http://electrostat-ex.iopconfs.org>

Organised by the IOP Electrostatics Group

Co-sponsored by the Combustion Institute and ESD Association

Exhibition and Seminar: New Published Guidance and Legislation on the Control of Electrostatic Hazards and Undesirable Static Electricity

Many industrial processes involving flammable materials such as solvents and powders need to control electrostatic charging and electrostatic discharges as part of the overall strategy for avoiding fire and explosion hazards. Shocks to personnel are also a nearly ubiquitous nuisance in many industrial, office, retail and other situations. And yet to many, the whole area of static electricity remains a mystery!

This event focuses on these phenomena and coincides with the publication of a new IEC standard document:

IEC/TS 60079-32-1: Explosive Atmospheres – Part 32-1: Electrostatic hazards, Guidance.

Unusually, this event brings together an exhibition of equipment and service providers in industrial static control with a simultaneous seminar program in which invited experts, including members of the IEC Technical Committee responsible for IEC/TS 60079-32-1, will introduce the principles and practice of static control as encompassed in the new guidance document.

Who should attend?

The event is suitable for engineers, managers, facilities managers, Health & Safety personnel, technicians etc., who have, or wish to avoid, problems with static electricity in their workplace or processes.

Exhibition of Static Control Equipment and Services

The exhibition will run in parallel with the seminar with free access for all seminar delegates. There are regular breaks in the seminar programme for networking and visiting exhibition stands. A list of exhibitors is available online at <http://electrostat-ex.iopconfs.org>

Keynote Presentation

- **An Overview of IEC/TS 60079-32-1**

Dr Ulrich von Pidoll, Physikalisch-Technische Bundesanstalt
Convenor of IEC/TC31 & TC 101/Joint Working Group 29

Contributed Presentations

- **Principles of Static Electricity**
Dr Jeremy Smallwood, Electrostatic Solutions Limited
- **Powders & Solids**
Dr Martin Glor, Swiss Process Safety Consulting GmbH
- **Controlling Static Electricity in Liquid Handling: Newly Recognised Factors Covered in IEC/TS 60079-32-1**
Dr Harold Walmsley, Harold Walmsley Electrostatics Ltd
- **Floors & Flooring Materials**
Anders Thulin, Anders Thulin Consulting AB
- **Personal Protective Equipment**
Dr Paul Holdstock, Holdstock Technical Services
- **Implementing IEC/TS 60079-32-1 and IEC 60079-32-2 in the context of ATEX and IECEx**
Ron Sinclair MBE, SGS Baseefa Ltd
- **Case Studies**
Ian Pavey, Chilworth Technology Limited

Registration

Register online at <http://electrostat-ex.iopconfs.org> to secure your place. Registration opens on 23 September 2013. The delegate package includes access to the seminar and exhibition, lunch and refreshments. Concessions are available for members of IOP and co-sponsoring organisations.

Enquiries

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