

Announcement

(Stand: 04.08.2004)

B.E.STAT

6th International ESD – Workshop DRESDEN 2004 1st International Panel Symposium ESD

group[®]

The highlight of this year! On **07th + 08th September 2004** – the approved meeting of all European interested parties about ESD in Dresden. The following themes are planned:

ESD – standards, ESD – packaging materials, clothing and materials for clothing, ESD + the danger for ESDS in machines, ionisation, requirements to floors

07.09.2004, KIM – Hotel, Dresden – Gompitz

Start: 10.00 am

Beginning

Opening of the 6th International ESD – Workshop 2004

10.00 am

ESD Basics

01 Electrostatic phenomena from the sight of applications and safety – presented on chosen examples **10.15 am**

Speaker: D. Kleber, ZAFT Zentrum für angewandte Forschung und Technologie e.V., an der Hochschule für Technik und Wirtschaft Dresden (FH), Dresden

ESD Control systems

02 Introduction – standards, stand and tendencies, ESD and ESD control – Steps against electrostatic discharge – ESD control program **11.00 am**

Speaker: H. Berndt, *B.E.STAT* ESD competence centre, Kesselsdorf

03 ESD control program in a Wafer FAB **11.45 am**

Speaker: H. Bachmann, AMD Saxony LLC., Dresden

Lunch

12.30 am

04 Measurement and assessment of electrostatic properties of material and protective clothing – prEN 1149-3 **01.45 pm**

Speaker: Ch. Vogel, Sächsisches Textilforschungsinstitut e.V., Chemnitz

05 ESD Control in Automated Handling Equipment (AHD) and Manufacturing lines **02.30 pm**

Speaker: J. Paasi, VTT Technical Research Centre of Finland, Tampere, Finland

06 Ionisation, a solution for elimination of electrostatic potential in an AHD **03.15 pm**

Speaker: (Meech) N.N.

07 Discussion: definitions, ESD – basics **from**
Measurement methods for packaging materials, **04.00 pm**
clothing, floors, etc.

Reception at the *B.E.STAT* Elektronik Elektrostatik GmbH

from
06.00 pm

analyses - trainings - equipments

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08.09.2004, KIM – Hotel, Dresden – Gompitz

Start: 9.30 am

ESD Packaging material

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|-----------|---|-----------------|
| 08 | Experiences at the measurements of packaging material for electronic devices according to the standard IEC 61340-5-1 – new standard test methods | 09.30 am |
| Speaker: | H. Berndt, <i>B.E.STAT</i> ESD competence centre, Kesselsdorf | |
| 09 | ESD applications based on polyaniline | 10.00 am |
| Speaker: | J. Perento, Panipol Oy., Porvoo, Finland | |
| 10 | Dissipative and Conductive Compounds in ESD-packaging | 10.45 am |
| Speaker: | T. Pöytäniemi, Premix Oy., Rajamäki, Finland | |
| 11 | Low charging thermoplastics compounds for ESD avoidance | 11.30 am |
| Speaker: | Dr. Lücke, RTP Deutschland GmbH, Merenberg | |
| 12 | Transparent ESD packaging for electronic industries | 12.15 am |
| Speaker: | Dr. M. Berlekamp, Klöckner Pentaplast GmbH & Co. KG | |
| | Lunch | 01.00 pm |

ESD Flooring

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| 13 | ESD – flooring material, especially the comparison of the measurement methods – walking test and system test with normal resistance methods | 02.00 pm |
| Speaker: | H. Berndt, <i>B.E.STAT</i> ESD competence centre, Kesselsdorf | |
| 14 | Experiences at the measurement of ESD floors | 02.30 pm |
| Speaker: | J. Magner, Polymer Institut GmbH, Flörsheim Wicker | |
| 15 | Cleaning materials, experiences, measurements | 03.15 pm |
| Speaker: | U. Berndt, <i>B.E.STAT</i> Elektronik Elektrostatik GmbH, Kesselsdorf | |

Different experiments and presentations will be arranged through the breaks for the clarification of the contents of the various program points. Additionally, measurement constructions and the realization of measurements will be afforded and shown.

analyses - trainings - equipments