

**Centre for Electronic Corrosion**  
Technical University of Denmark  
Invite you to a

**Free half day seminar on**  
**“Process related contamination on PCBAs and climatic reliability issues”**  
**22nd February 2012 at DTU**  
**Time: 12:30 – 16:30**

This seminar will focus on unwanted process related residues incorporated on the PCBA at various stages of the manufacturing process and how they contribute to climatic reliability issues.

**Presentations in the seminar will focus on:**

- Residues from bare PCB manufacturing process and role of vias and solder mask
- No-clean flux residue from wave soldering and reflow, and their effects
- Issues related to the use of fire retardants in PCBA materials
- Introduction of lead free soldering and contamination issues
- Problems related to human handling
- How to test and control PCBA contamination?

Detailed programme will be send out in January 2012 and we will ask you for free registration.

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