



# IPC Europe High Reliability Forum **October 14–15 | Düsseldorf, Germany**

[www.ipc.org/eu-high-reliability](http://www.ipc.org/eu-high-reliability)

**Electrochemical corrosion, dendritic growth, conductive anodic filaments, BGA cracking and lead-free solder joint thermo-mechanical fatigue** can all have negative impacts on the reliability and performance of today’s high technology electronics.

**IPC Europe High Reliability Forum**, a two-day conference co-developed by top organizations including: **Airbus, Celestica, COM DEV, Continental Automotive, The European Space Agency, Gen3 Systems, The National Physical Laboratory, Robert Bosch, Thales** and **Zestron** will bring together leading experts from industry and research institutions to explore these critical reliability issues and more facing European electronics designers and manufacturers.

The conference will open with a choice of workshops:

- **The Fundamentals of Reliability**
- **Advanced Troubleshooting for the PCB Fabrication Process**

Followed by presentations including:

- **Concepts to Increase Reliability of Avionic Printed Circuit Assemblies**
- **Relevance of Plating Conditions on Corrosion and Whisker Propensity: The Perfect Surface Finish for Whisker Prevention**
- **Resolving Lead-free BGA Cracks**
- **Reduced Lifetime of Solder Joints for IC Packages with Low CTE**
- **Conductive Anodic Filaments: An Old Well-known Phenomenon Gets New Significance**
- **Electrochemical Migration on Electronic Assemblies**

**VIEW COMPLETE AGENDA**  
[www.ipc.org/eu-hr-agenda](http://www.ipc.org/eu-hr-agenda)

## Registration Information:

Register before 31 August to save 100 Euros off your registration fee.

To register, download the registration form and fax it to IPC at +1 847-615-5661 or send via e-mail.

**REGISTER NOW**  
[www.ipc.org/eu-hr-reg](http://www.ipc.org/eu-hr-reg)

IPC Members:	Nonmembers:
31 August or prior € 400	31 August or prior € 500
After 31 August € 500	After 31 August € 600

These fees include VAT. The VAT rate in Germany is 19%.

## Location:

**Maritim Hotel Düsseldorf**  
 Maritim-Platz 1  
 40474 Düsseldorf

**BOOK HOTEL ROOM NOW**

Rooms are available until all rooms in the IPC block are booked.