

Quality and Reliability for Electronic Assembly

Thursday 6 February 2020, TWI, Granta Park, Cambridge CB21 6AL

Topics:

- *New Product Introduction*
- *Simulation*
- *Design for Manufacturability*
- *Assembly Qualification:*
 - *TC, Age, Vibration & Shock, Humidity & Bias*
- *Mil, Jedec standards etc.*
- *Supplier qualifications*
- *Relevant Case Studies*



Design and Manufacture it Right ...First Time

This workshop brings together an array of Industry experts and practitioners to present a comprehensive overview of Quality and Reliability aspects required for the development and manufacture of microelectronic modules.

Reasons To Attend:

- New product introduction for electronics, microelectronics and packaging
- How to evaluate designs and introduce a product with built in quality
- The importance of DfM & DfR (Design for Manufacturing and Reliability)
- Understand modern quality techniques
- Adopting standards, simulation and preventing failures.

Registration:

<http://www.imaps.org.uk>

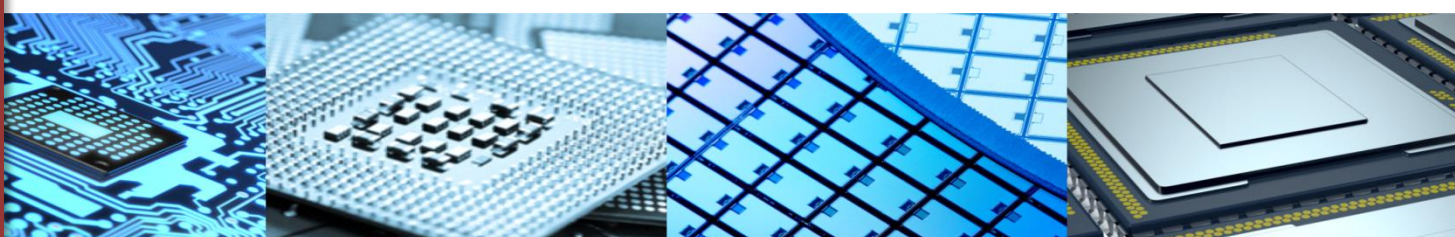
	Delegates
IMAPS Member	185
Non member	235
Student	135

Prices - £ exclude VAT, inclusive of lunch & refreshments

"Where the Industry Meets"



Delegates will receive a free Copy of the Nordson Book on "X-Ray Inspection Criteria and Common Defect Analysis" ...



Workshop Agenda:

09:30 Registration and Networking

10:00 Welcome and Introductions

10:15 Session 1: NPI and DfM

- New Product Introduction
- Design for Manufacturing

11:25 Session 2: Reliability Test and Optimisation

- Reliability Tests Explained
- Achieving World Class Reliability

12:55 Lunch and Optional Tour of TWI

13:55 Session 3: Simulation and Case Study

- Design by Simulation
- Case Study 1

14:55 Session 4: Workshop Session

- Key issues for Quality and Reliability

15:20 Refreshments and Networking

15:40 Feedback and Panel Session

16:20 Summary

16:30 Close

Workshop Venue:

TWI
Granta Centre
Abington
Cambridge
CB21 6AL

Registration

Registration is via the event webpage on the IMAPS-UK website: www.imaps.org.uk

For further details, please contact IMAPS-UK secretariat

The TWI Granta Centre

The Granta Centre – a spacious, purpose-built conference centre offering a premier experience for businesses seeking a light and contemporary venue for their events. Situated in the East Anglian countryside just seven miles from Cambridge.

IMAPS-UK Workshops – Your Chance to Learn:

IMAPS-UK workshops offer delegates the opportunity to learn about the issues and complexities of microelectronics assembly technologies. They provide professional development through in-depth, real-life insights into materials, processes and equipment applied to current and future electronics.

This workshop features state of the art tutorials on:

- New Product Introduction (NPI)
- Design for Manufacturability (DfM, DfR)
- Reliability Tests
- Modern Quality Techniques
- Multi-Physics Simulation

The participants will take part in an interactive workshop exploring current quality and reliability issues and have an option to tour TWI.

Recent IMAPS-UK workshops have sold out rapidly and early booking is advised to avoid disappointment.

This event is Sponsored by :



An IMAPS-UK Educational Workshop

