IMAPS-UK Workshop

Adhesives for Microelectronics Workshop

National Space Centre, Leicester – Wednesday 19 March 2025 - Afternoon

Highlights:

- ***Basics of Adhesives in Microelectronics Introduced***
- ***Achieving Long Term Reliability with Adhesives***
- ***Methods of Dispensing, Deposition, Encapsulation and Curing of Adhesives Explained***
- ***Opportunity for Q&A and Troubleshooting***

Registration:

	Delegates
IMAPS Members	*75*
Non Member	*100*
Students	*50*

Prices - £ exclude VAT, including lunch and refreshments

Confirmed attendees at MicroTech 2025 receive a £25 exc VAT discount

Register Here

Adhesives for Microelectronics Workshop

Adhesives play a key role in the assembly, interconnection and encapsulation of microelectronics ranging from mass-produced consumer products to high value safety critical components and modules. However, there is often limited understanding of the materials and how to apply them beyond the datasheets provided with the materials.

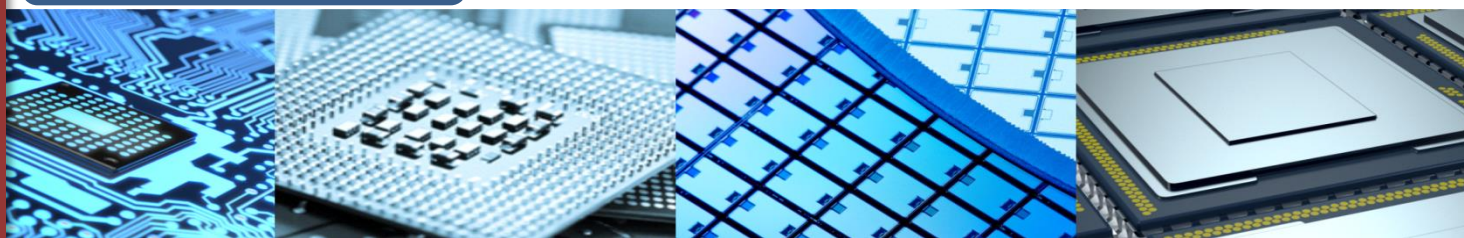
This Adhesives Workshop aims to provide attendees with an comprehensive overview of the application of adhesives within the microelectronics industry covering:

- Basics of Adhesives – Presented by Eamonn Redmond of Inseto UK Ltd
- Enabling Long Operating Lifetime of Electronic Devices assembled with Adhesives – Presented by Tony Winster – Consultant
- Dispensing, Deposition, Encapsulation and Curing of Adhesives for Microelectronics Assembly

The workshop will address the training needs of students and researchers within Colleges and Universities and personnel within Industrial companies to assist in the upskilling and reskilling of people for the design, manufacture and testing of electronics modules. Attendees can request a Certificate of Attendance that can be used as proof of Continuous Professional Development.

Registered Attendees at **MicroTech 2025** on **Thursday 20th March 2025** at the National Space Centre will receive a discount on the Entry Price to the Adhesives Workshop.

The National Space Centre is located 2 miles North of Leicester City Centre and is signposted from the M1, follow the Brown Rocket sign.



Workshop Agenda:

Wednesday 19 March 2025

12:00 – Registration, Lunch and Networking

13:00 – Introduction to Adhesives Workshop

13:15 – Basics of Adhesives – Eamonn Redmond, Inseto UK Ltd

14:00 - Enabling Long Operating Lifetime of Electronic Devices assembled with Adhesives – Tony Winster – Consultant

14:45 – Refreshment Break

15:15 – Dispensing and Deposition of Adhesives for Microelectronics Assembly – to be confirmed

16:00 – Q&A and Discussion

16:30 – Close and Depart

Register Here

The Venue

National Space Centre
Exploration Drive
Leicester
LE4 5NS
https://www.spacecentre.co.uk
What3Words: ///valid.amber.uses

For further details, contact the IMAPS-UK Office:
T: 01 31 202 9004
E-mail: office@imaps.org.uk
https://www.imaps.org.uk/

Who should attend:

- Engineers and Technicians involved in Microelectronics Design, Manufacture and Test
- Undergraduates and Post-graduates interested in Electronics Research and Development
- QC/Reliability Personnel and Managers wanting to gain an appreciation of electronics reliability requirements

Access to Course Presentations:

Attendance includes downloadable access to the presentations after the Workshop.

Your Workshop Presenters and Topics:

Eamonn Redmond – Inseto UK Ltd

- Introduction to Adhesives
- Curing Methods
- Introduction to Bonding with Adhesives
- Influences on Bonding
- Datasheet Terminologies and Test Methods

Tony Winster - Consultant

- Failure Mechanisms
- Modelling
- Establishing a Purchasing Specification
- Troubleshooting
- Where Adhesives are not Suitable

To be Confirmed

- Adhesive equipment
- Dispensing
- Printing
- Encapsulation
- Curing