

MicroTech 2022 Annual Conference

“Next Generation of Electronics and People”

Rutherford Appleton Laboratories, Harwell Campus, Didcot, Oxon, OX11 0QX

Tuesday 26th April 2022

[Register Here](#)



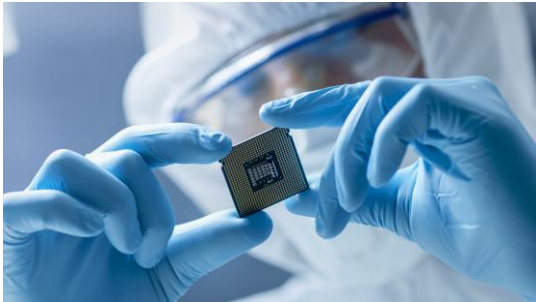
Next Generation of Electronics and People
Electronic Market Trends
Electrification
Power Modules Assembly
Advanced Die Attach
Hybrid Bonding
Dicing and Grinding
Photoimageable Pastes
Skills and Training

Registration Prices	
	<i>Delegates</i>
<i>IMAPS Member</i>	85
<i>IMAPS Student</i>	30
<i>Non member</i>	155
<i>Corporate Member Exhibitor</i>	385
<i>Non-Member Exhibitor</i>	585
<i>Prices - £ exclude VAT</i>	
“Where Industry and Academia Meets”	

MicroTech 2022 is the Annual IMAPS-UK Conference which, this year, focuses on the **Next Generation of Electronics and People**. This **Face to Face Conference** combines invited **Keynotes**, and **Presentations** from leading **Companies** and **Research Institutions** and the opportunity to network with other attendees.

MicroTech 2022 will address the twin pillars of developing **next generation electronics systems** and **people with appropriate skills** to design and manufacture them. Next generation electronics systems will not only be expected to demonstrate enhanced performance, but also improved efficiency, reduced thermal impact, use of sustainable materials and end-of-life recyclability. The people aspect will be explored through proposing ways of raising awareness of the need for electronics packaging personnel with multi-disciplinary skills and encouraging engagement within the education system.

MicroTech 2022 aims to provide Delegates with an opportunity to learn from and network with leading **Industry Experts** as they share their experiences, developments and opportunities.



Provisional Conference Agenda:

09:00 Introduction to IMAPS-UK and MicroTech 2022

09:15 Session One – Markets and Carbon Reduction:

- **Market Trends and Prospects – John West**
- **E-Planes to Replace High Speed Rail – Paul Riley, Belsa Power Electronics**

09:45 Session Two: Materials and Processes

- **Die Attach for High Power Density Amplifiers – Manoj Balakrishnan, Filtronic**
- **Development of IGBT Power Modules – Xiang Li, Dynex Semiconductor**

10:45 Exhibitor Pitches

11:05 Break: Exhibition and Networking

11:35 Session Two (cont'd): Materials and Processes

- **Hybrid Bonding – Jonathan Abdilla, BESI**
- **Latest Technologies for Dicing and Grinding – Brian Raeburn, Disco Europe**

12:15 Session Three: IMAPS-UK AGM

13:00 Lunch: Exhibition and Networking

14:00 Session Four: Research and Development

- **Photoimageable Pastes – Kathrin Reinhardt, Fraunhofer IKTS**
- **Rapid Cu-Sn Intermetallic Formation – Han Jiang, Loughborough University**
- **Bonding Large Area Detector Arrays – Andreas Schneider, STFC**

15:00 Break: Exhibition and Networking

15:30 Session Five: Skills and Training

- **Addressing Skills Gaps in the UK Electronics Industry – Mark Urbanowski, UKRI**
- **Developing Learning Skills in Microelectronic Manufacturing – Andy Longford, Panda Europe**

16:10 Closing Remarks

16:15 Depart

Registration for MicroTech 2022

Delegates will receive a **Conference Booklet (PDF)** containing details of the **Presentations and Speakers** and of the **Exhibitors** at **MicroTech 2022**. The **presentations** will be available to **download from the IMAPS-UK website** after the event.

Exhibit at MicroTech 22

Our **Exhibitor Package** includes:

- Place for one person with full access to the Conference
- A 200 word description in the Event Programme
- A Table Top display with room behind for two pop-up banners
- Links to Company on event promotion and website
- Short introduction to the delegates during the Conference

Prices:

IMAPS-UK Corporate Members: £385 exc VAT

Non-Members: £585 exc VAT

Sponsorship Opportunity at MicroTech 2022

IMAPS-UK is pleased to offer the following sponsorship opportunity.

The **Sponsorship Package** includes:

- One complete Exhibitor Package
- Place for one additional person with full access to Conference
- Opening speaking slot (up to 5 minutes)
- A full A4 advert in the Event Programme
- Logo and links on all promotion documents and website

Sponsorship Price: £1200 exc VAT