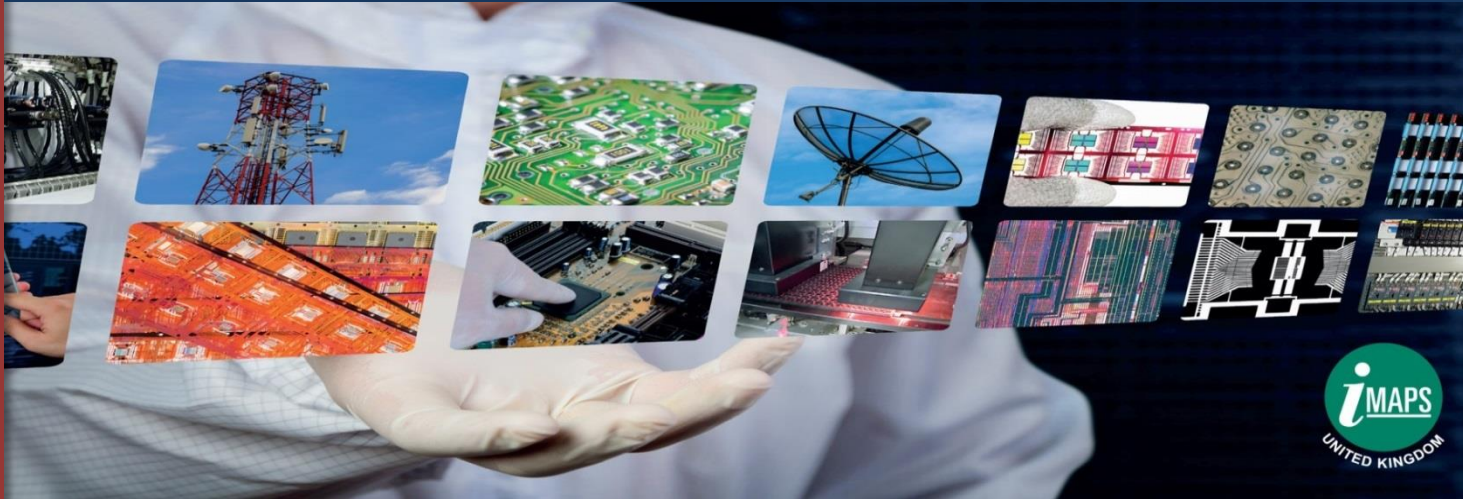


A Practical, Learning and Interactive Workshop on “Die-Attach and Wirebonding”

South Devon College, TQ4 7EJ
Thursday 9 November 2023



Workshop Highlights:

“Hands on” – Practical Sessions

Theoretical sessions

“Surgery” for Process issues

Process Reviews

Take-away Samples

CPD valid course

Supplements Capabilities

Registration:

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

	Delegates	
Student	£125	+VAT
IMAPS member	£175	+VAT
Non member	£225	+VAT
Event partner	175	+VAT

Prices inclusive of parking, lunch & refreshments, Sample assemblies & Components

“Where the Industry Meets”

This “Unique” workshop event features a 3 session intensive training course in Die attach and Wire Bond Processes, and includes a practical session where delegates will be allowed access to die attach and wirebond equipment enabling them to build and test a small microelectronics assembly.

There will be a theoretical session to go through the details and and review process stages, materials and capabilities. A third session will investigate typical issues with the processes, including assembly test and aspects of available equipment. This session will allow delegates to discuss in a “surgery” manner, any process issues they have and consider typical case studies.

The sessions will be run consecutively in a “Round Robin” format to enable delegates to have sufficient time to work on the available equipment. (see Chart below). Delegates will be split into 3 small groups of Maximum 10 person per group to enable access to equipment.

	Group A	Group B	Group C
09h00 – 10h30	Theory	Practical	Demonstration
11h00 – 12h30	Demonstration	Theory	Practical
13h30 – 15h00	Practical	Demonstration	Theory

Workshop Agenda:

- 08:30 - Registration & Networking
- 09:00 - Session 1
- 10:30 - Coffee, Tea & Networking
- 11:00 - Session 2
- 12:30 - Lunch & Networking
- 13:30 - Session 3
- 15:00 - Coffee, Tea & Networking
- 15:30 – Questions and Review
- 16:00 - Close

Equipment :

The College is equipped with a number of manual die attach and wirebond machines in their Laboratory.



Other equipment available to delegates will be Assembly Test equipment and Curing Ovens This Kao/Hockham Training suite has been designed to complement the capabilities provided at the nearby Electronics, Photonics Innovation Centre (EPIC).

Sponsorship Opportunities:

Please contact us if you or your Company is interested in raising its profile even further at this Workshop, via our Sponsorship opportunities.

Course Tutors:

Practical Sessions

Martyn Davies - An engineering director / consultant at Davies & Bell, involved in Semiconductor Back End Opto Electronic Packaging for the last 25 years, covering many pieces of equipment, processes and materials.

David Taylor - An Applications Engineer providing process development support, customer equipment training, field service engineering and CAD tooling design services. He worked at Semelab Ltd. / TT Electronics for 12 years as a Process Engineer, before joining Davies & Bell

Theoretical Sessions: Die Attach and Wirebonding:

Steve Riches - co-director of Tribus-D and has over 30 years experience in electronics assembly innovation. Technical developments have included copper wire bonding, high temperature and power electronics.

Andy Longford - founder and managing Partner of technical consulting company Panda Europe. He has been working in the Semiconductor Packaging and Assembly industry for over 30 years

Surgery Sessions:

Jason Elder – an Optoelectronic Test and Measurements Engineer, experienced in Photonics assemblies and other semiconductor packaging needs. His career began in Nortel Networks and he has worked for Motorola, Huwawei and Effect specialising in the characterisation and testing of Photonic integrated circuits.

Martin Richardson – has worked in the semiconductor engineering sector, including a period working in Cambridge, supporting startup companies that spun out of Cambridge University. He works on advanced semiconductor assembly development in the photonics, MEMS, medical sensor, OLED and industrial inkjet printing fields.

South Devon College:



IMAPS-UK has held 2 major Photonics conferences at the South Devon College. It has nearby accommodation and easy access from major Highways and Train services.