



3rd International Conference and Exhibition on Photonics and Opto-Packaging

“Linking Opto-Electronics Designers and Manufacturers”

South Devon College, Paignton, UK

17-18 October 2022



IMAPS-UK Technical Conference

PoP3 Highlights

Net Zero and Sustainability

Quantum Communication

LIDAR Gas Sensors

Adhesives and Getters

Pluggable Interconnects

Space and Underwater Applications

EPIC Centre Tour and Presentations

[Register Here](#)

Registration Prices

	<i>Delegates</i>
<i>IMAPS/THTC Member</i>	85
<i>IMAPS Student</i>	30
<i>Non member</i>	155
<i>Corporate Member Exhibitor</i>	350
<i>Non-Member Exhibitor</i>	500

Prices - £ exclude VAT

“Where Industry and Academia Meets”

The growth in demand for **photonics** and **opto-electronic** components driven by the exponential expansion in data centre traffic, wireless technologies, sensors and autonomous vehicles is posing challenges for opto-electronic packaging techniques in order to increase transmission rates and reduce manufacturing costs.

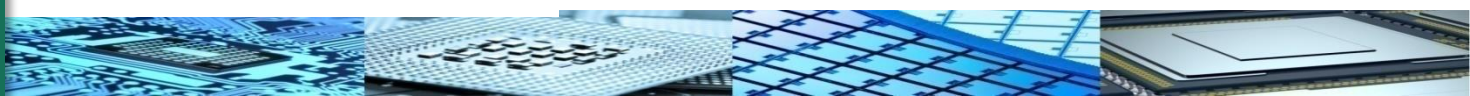
IMAPS-UK, in partnership with the **Torbay Hi-Tech Cluster (THTC)**, **South Devon College** and **Electronic and Photonics Innovation Centre (EPIC) Centre** brings you the 3rd International Conference and Exhibition on Photonics and Opto Packaging (PoP3) with the theme of Linking Optoelectronics Designers and Manufacturers. The PoP3 Conference and Exhibition will be held at the South Devon College, Paignton on Tuesday 18 October 2022, with the opportunity to hear from THTC and EPIC Members on the afternoon of Monday 17 October 2022. This Event will meet the needs of those involved with design of systems, development of components as well as end-users. The conference and exhibition will take place at the University Centre at South Devon College, which is one of the main focus areas of the photonics and opto-electronics components in the UK.



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Event Agenda:

Monday 17 October 2022

12:30 EPIC Centre Visit and Company Presentations

19:00 Networking Dinner at Churston Golf Club

Tuesday 18 October 2022

09:00 Welcome and Introduction to pOp3 Conference

09:40 Keynote Presentation:

- **Photonics for Net Zero – John Lincoln, Photonics Leadership Group**

10:15 Session One: Applications

- Single Photon LIDAR for Greenhouse Gas Monitoring – Andrew Weld, QLM Technology
- PICs for Emerging Applications in Quantum, Communication and Intelligent Sensing – Joe Gannicliffe, CSA Catapult

11:05 Break: Exhibition and Networking

11:35 Session Two: Materials

- Tailored Gas Absorbing Materials – Giovanni Zafarana, SAES Getters
- Adhesives for Optical Sensor and Photonics Assembly – Tony Winster, Henkel
- Pluggable Interconnects for Quantum Communications - Taofiq Paraiso, Toshiba

12:50 Lunch: Exhibition and Networking

13:45 Session Three: Challenges

- Challenges to Reduce Environmental Impact – Jeff Kettle, University of Glasgow
- High Rate Underwater Communications Modules - Jolyon de Freitas (Consultant)
- Quantum Enabled Photonic Packaging – Andrew Robertson, Bay Photonics

15:00 Break: Exhibition and Networking

15:25 Session Four: Advanced Packaging

- Packaging for Space Applications – Rob Roach, Alter Technology UK
- Edge Coupled Wafer Level Testing – Mark Kenny, Rydon Technology
- High Efficiency Advanced Combination Bonding – Martyn Davies, Palomar Technologies

16:30 Closing Remarks and Depart

Registration for PoP3 Conference

Delegates will receive a **Conference Booklet (PDF)** containing details of the **Presentations and Speakers** and of the **Exhibitors** at **PoP3**. The **presentations** will be available to **download** from the **IMAPS-UK website** after the event.

PoP3 Conference Sponsors

Lumentum



Palomar Technologies



Exhibitors at PoP3 Conference

- **Alter Technology** – www.altertechnology-group.com
- **Bay Photonics** – www.bayphotonics.com
- **Carl Zeiss Ltd** – www.zeiss.co.uk
- **Inseto (UK) Ltd** – www.inseto.co.uk
- **Rydon Technology** – www.rydontechnology.com

Limited Exhibition Spaces remain – please click [HERE](#) for more details.

South Devon College, Paignton

