

3rd International Conference on Photonics and Opto Packaging
“Linking Optoelectronics Designers and Manufacturers”

CALL FOR ABSTRACTS

IMAPS-UK Technical Conference



South Devon College, Paignton – Tuesday 18th October 2022

IMAPS UK, in partnership with the **Torbay Hi-Tech Cluster & South Devon College**, bring you **pOp3**, the **3rd International Conference on Packaging Technology for the Photonics and the Opto-electronic components** and systems industry. 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.

The conference 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 South Devon College, High Tech and Digital Centre, which is within one of the main focus areas for photonics and opto-electronics components in the UK.

IMAPS-UK invites **Abstracts** which describe the latest **Market Directions, Academic Research and Development, Emerging Applications and Advanced Packaging Technologies** which will have a significant impact on future photonic and opto-electronic components and systems.

pOp3 aims to provide the **Delegates** with an opportunity to learn from and network with **leading Industry Experts** as they share their experiences, developments and opportunities.

Organising Committee

Event Co-Chairs:	Andy Longford – Panda Europe Mark Kenny – Rydon Technology	
Technical Committee:	John Lipp – STFC, Carolyn Short – SPTS, Hassan Akhtar - MTC	Secretariat: Steve Riches



Instructions for participation

We invite submission of abstracts in the following areas:

Research and Development Papers: These will describe high-impact academic research relating to the conference topics.

Technical Presentations: Technical presentations showcasing in-production or pre-production techniques relating to the conference topics.

Current/Future trends: Presentations demonstrating how markets related to the main conference topics are developing over time.

All abstracts received by the submission deadline will be evaluated by the technical committee. Abstracts covering a balanced range of the main conference topics will be selected and invited to provide an **Oral Presentation** (20mins + 5 mins questions) and **Poster Presentations** in the Exhibition area during the conference.

Conference Topics – Linking Opto-Electronics Designers and Manufacturers

Directions	Academic Research and Development	Developing Applications	Advanced Packaging Technologies
<ul style="list-style-type: none"> • Big Data • Climate Change • Connected world • AI/ML/VR • 3D Printing • Coherent products 	<ul style="list-style-type: none"> • Nano Technology • Detectors • Carbon nanotubes • PICs • Photonic Effects • Nonlinear Materials 	<ul style="list-style-type: none"> • Greenhouse gas detection • Data Centres • 5G • Quantum Computing • Autonomous Vehicles • Space-CubeSat 	<ul style="list-style-type: none"> • Sub-micron alignment • Heterogeneous Integration • Wafer Level Processes • Energy Efficiency • Renewable Packaging • Materials and Processes

Those wishing to present their work at **pOp3** should submit an abstract of approximately 200 words, electronically to: office@imaps.org.uk by the deadline of **Friday 1st July 2022**.

Deadlines

Abstract submission (approximately 200 words)	Friday 1st July 2022
Acceptance of Abstracts for Oral Presentation	Friday 15 th July 2022
Confirmed speaker biographies and photographs	Friday 16 th September 2022
Final presentation prepared	Friday 7 th October 2022

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