

MicroTech 2022 Annual Conference

“Next Generation of Electronics and People”

CALL FOR ABSTRACTS

IMAPS-UK Technical Conference



Conference – Wednesday 30th March 2022

MicroTech 2022 is the **Annual IMAPS-UK Conference** which, this year, focuses on the key challenges associated with the **Next Generation of Electronics and People**. This **Face to Face Conference** combines invited **Keynotes** and **Presentations** from leading companies and academic institutions.

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**.

IMAPS-UK invites **Abstracts** which describe the latest **developments for carbon reduction, advanced technologies, materials & processes and skills & training opportunities** which will have a significant impact on the **Next Generation of Electronics and People**.

MicroTech 2022 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 Chair:	Carolyn Short - SPTS	
Technical Committee:	David King – Alter Technology, Eamonn Redmond - Inseto, Andrew Holland - RFMod, Scott Wood - Accelonix, Andy Longford – Panda Europe, Martin Wickham - NPL, Piers Tremlett - Microchip, Anne Vanhoestenbergh - UCL	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) during the conference.

Conference Topics – Next Generation Electronics and People

Markets and Developments for Carbon Reduction	Advanced Technologies	Materials and Processes	Skills and Training
<ul style="list-style-type: none"> High Performance Computing Internet of Things (IoT) Renewables Automotive Aerospace Mobile Low Energy Electronics 	<ul style="list-style-type: none"> Chiplets Quantum Computing Photonics Power Electronics MEMS and Sensors 5 and 6G System in Package (SIP) 	<ul style="list-style-type: none"> Emerging Materials Emerging Devices Thermal Management Wafer Level Packaging Interconnects for 2D and 3D architectures Recycling of Electronics Sustainable Materials 	<ul style="list-style-type: none"> Training Courses Materials for Educators Support for Outreach Activities Addressing the Skills Shortage

Those wishing to present their work at MicroTech2022 should submit an abstract of approximately 200 words, electronically to: office@imaps.org.uk by the deadline of **Friday 7th January 2022**.

Deadlines

Abstract submission (200-300 words)	Friday 7 th January 2022
Acceptance of Abstracts for Oral and Video Presentation	Friday 28 th January 2022
Confirmed speaker biographies and photographs	Friday 25 th February 2022
Final presentation prepared	Friday 25 th March 2022