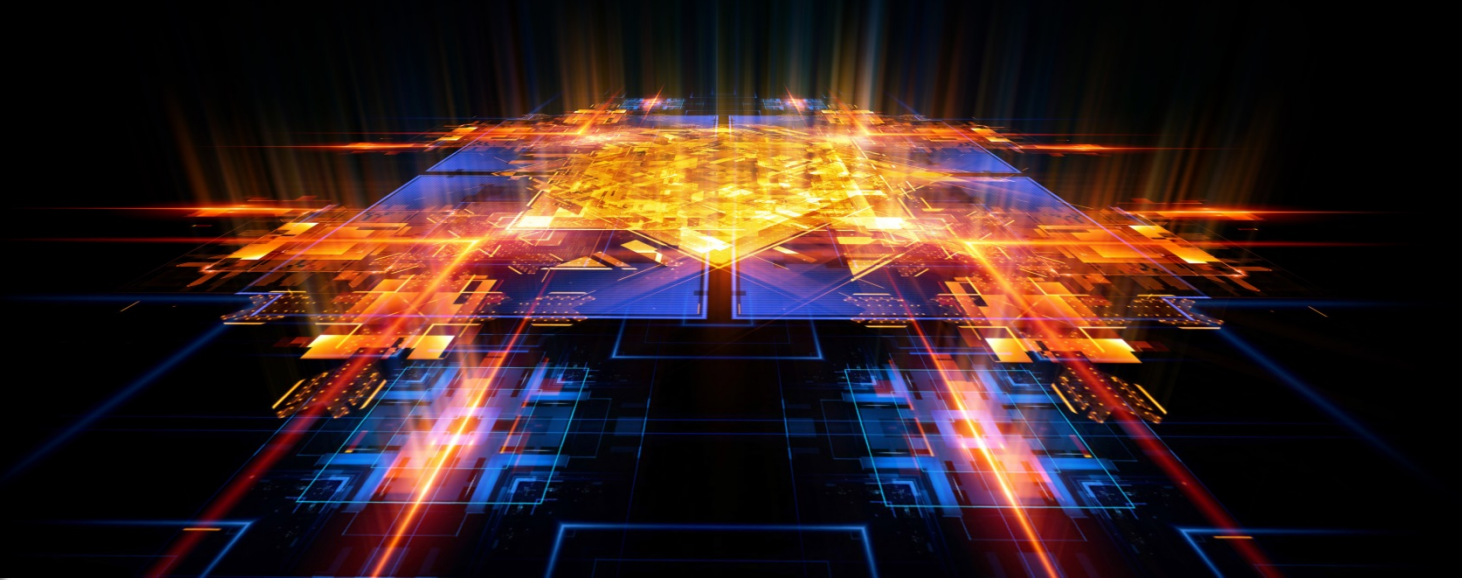


Microelectronics for Harsh Environments Conference & Exhibition

Satellite Applications Catapult, Didcot, OX11 0QR
28 November 2019

IMPAS-UK Technical Conference



MfHE Highlights:

Discover New Technologies
Exciting Keynote Presentation
Ten Technical Presentations
Related Industry Exhibition
Excellent Networking

Microelectronics Packaging for Harsh Environments (MfHE) is an IMAPS-UK Technical Conference covering the latest developments for electronic device assemblies used in Space, Defence, Aerospace & Transport, Medical, Energy & Exploration applications.

The event will provide a forum where organisations and individuals with an interest in high-reliability applications can meet and learn about the latest technologies and techniques, plus discover new supply chain options.

Registration:
www.imaps.org.uk

	<i>Delegates</i>	<i>Exhibitors</i>
<i>Student</i>	30	NA
<i>IMAPS member</i>	85	385
<i>Non member</i>	155	585

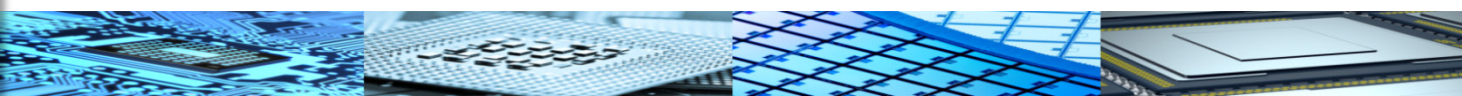
Prices-£ exclude VAT, inclusive of parking, lunch & refreshments; exhibitors prices also inclusive of conference networking dinner.

“Where the Industry Meets”

Attendees will comprise organisations and individuals involved with specifying, designing, integrating, manufacturing, researching and supplying products into these markets.

The event will comprise four sessions, covering:

- Applications & Requirements
- Components & Materials
- Design, Manufacturing & Processes
- Reliability & Ruggedisation



Conference Agenda:

The event will provide a forum where organisations and individuals with an interest in high-reliability applications can meet and learn about the latest technologies and techniques, plus discover new supply chain options.

08:30	Registration, Exhibition & Networking
Session One: Applications & Requirements	
09:30	Conference Keynote: A Technical Overview of what might be the challenges for Microelectronics in Satellites - Satellite Applications Catapult
10:00	Embedded Electronics for Harsh Environments - CPI
10:30	Mid-Morning Break: Refreshments, Exhibition & Networking
Session Two: Components & Materials	
11:00	Beyond SAC Solders: Understanding Microstructure Stability in Alloys for Harsher Environments - Imperial College
11:30	HTCC Hermetic Packages and RF Transitions - Egide
12:00	Enhancing Bottom Terminated Components for use in Harsh Environments - Micros Components
12:30	Lunch: Finger Buffet, Exhibition & Networking
Session Three: Design, Manufacturing & Processes	
13:30	Origami for Tight Spaces - 3D 250C PCB Assemblies for Control Systems - Microchip Technology Inc.
14:00	Heat Spreading in High Power Density Electronics - Compound Semiconductors Applications Catapult
14:30	Mid-Afternoon Break: Refreshments, Exhibition & Networking
Session Four: Reliability & Ruggedisation	
15:00	Ruggedisation of a Commercial Off-the-Shelf Plastic Moulded QFN for Space - Micros Components
15:30	What Works and What Doesn't? Advanced Materials Analysis for Microelectronics Reliability in Harsh Environments - MCS
16:00	Advances in 2D & 3D (CT) X-Ray Inspection for Microelectronics in Harsh Environments - Keith Bryant Consultancy
16:30	Closing Remarks & End

Registration: www.imaps.org.uk

Reception Networking Dinner:

A casual pre-conference networking dinner will be held at "The Kingswell" Hotel on the evening of Wednesday 27th November.

All delegates are welcome to attend and will have the opportunity to interact over drinks, before a sit-down meal.

Delegates can register by selecting the appropriate ticket type, including the dinner option (£35.00 inclusive of drinks and dessert), when registering for the event.

Exhibitor Opportunities:

Interested in attending MfHE 2019 as an exhibitor? A limited number of table-tops are available on a first-come, first-served basis; book early to avoid disappointment.

All exhibitors receive listings on the IMAPS-UK website, entries in the event programme, plus the opportunity to provide a short presentation to the delegates during the opening briefing at the start of the Seminar. Exhibitor Rates: IMAPS Corporate Member: £385, Non Member: £585. Exhibitor prices are inclusive of one space at the pre-conference networking dinner.

Five reasons to exhibit at MfHE 2019:

- It's "Where the Industry Meets"
- See multiple customers in one location
- Showcase products or services
- Enforce your brand & raise your profile
- Discover new industry & business contacts

Sponsorship Opportunities:

Please contact us if you or your Company is interested in raising its profile even further at MfHE 2019 via our Sponsorship opportunities.