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.

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

**MfHE Highlights:**
- Discover New Technologies
- Exciting Keynote Presentation
- Ten Technical Presentations
- Related Industry Exhibition
- Excellent Networking

**Registration:**

[www.imaps.org.uk](http://www.imaps.org.uk)

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<thead>
<tr>
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<th>Delegates</th>
<th>Exhibitors</th>
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<tr>
<td>Student</td>
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<td>Non member</td>
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*Prices-£ exclude VAT, inclusive of parking, lunch & refreshments; exhibitors prices also inclusive of conference networking dinner.*

“Where the Industry Meets”
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 - Micross 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 & Ruggesdisation**

15:00  Ruggedisation of a Commercial Off-the-Shelf Plastic Moulded QFN for Space - Micross Components


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.