

# Beyond Solder

Helping You Make Reliable Connections

30<sup>th</sup> June 2010

National Physical Laboratory (NPL), Teddington, London



UK Microelectronics Packaging Society (IMAPS-UK) is holding a one day technical seminar and industry networking event in conjunction with the Innovative electronics Manufacturing Research Centres (IeMRC) and The National Physical Laboratory (NPL) at the NPL, Teddington, London TW11 0LW.

As engineers are presented with the challenge of fitting more functionality into smaller spaces, getting more power out of devices, dissipating increasing levels of heat from components and ensuing improved levels of reliability, the methods used for interconnect are often key in achieving these goals.

The IMAPS-UK "Beyond Solder" Technical Seminar being held at the National Physical Laboratory (NPL) London, investigates the different interconnection methods being used and developed today, which overcome these challenges. These include:

- Ultrasonically bonded interconnects
- Reliable connections for harsh environments
- Conductive adhesives for chip bonding
- Press-fit connections for high reliability applications
- Parallel Welding of ultra thin wires & ribbons
- Nano-scale interconnects
- Innovative die attach materials
- Industrial application of a "Solder Free" connection

The Seminar will comprise seven technical presentations in four sessions, with coffee & lunch breaks in between. These will be followed by a general discussion, which will review and assess the challenges in packaging that need to be addressed for different applications. There is also ample opportunity for networking with fellow delegates from leading companies and institutions in the UK.

In addition, there is a complementary tabletop exhibition showcasing leading companies in the field. The event is open to all but space for the event is strictly limited. Please pre-book online [www.imaps.org.uk](http://www.imaps.org.uk) to avoid disappointment

Seminar Fee (prices include lunch and refreshments):

IMAPS, NPL & IeMRC Members: £40 + VAT

Non-Member: £60 + VAT

Students: £30 + VAT

Interested in Exhibiting?

IMAPS-UK Corporate Member Tabletop Exhibit: £195 +VAT

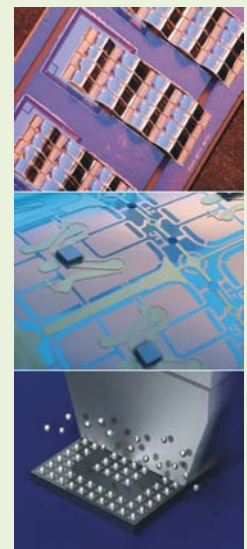
Other Tabletop Exhibit: £295.00 + VAT

*Interconnection*

*Microsystems*

*Prototype*

*Technology*



*Packaging*

*Joining*

*Semiconductor*

*Reliability*

Co-hosted by:



IMAPS-UK - 0843 2898689 - [secretariat@imaps.org.uk](mailto:secretariat@imaps.org.uk)

[www.imaps.org.uk](http://www.imaps.org.uk) - Registered Charity No. 801142 - VAT Reg. 226 2985 48

# Beyond Solder – Booking Form

## 30<sup>th</sup> June 2010

### The National Physics Laboratory (NPL), London

Please PRINT CLEARLY IN BLOCK CAPITALS USING BLACK INK.

Return the completed form to the IMAPS-UK Secretariat, E-mail: [secretariat@imaps.org.uk](mailto:secretariat@imaps.org.uk)

16 Pound Way, Swaffham Bulbeck, Cambridge CB25 0NL

Fax:+44 (0)1223 813552 Tel:+44 (0)843 2898689

Name: \_\_\_\_\_ Title: \_\_\_\_\_ IMAPS-UK, NPL or IeMRC Member Yes/ No

Membership Type & No:

Company/ Organisation:

Address:

Telephone:

Fax:

E-mail:

#### SEMINAR RATES

(Prices Include Entrance For One Person To The Conference & Lunch/Refreshments)

IMAPS-UK, NPL or IeMRC Member	£ 40.00	(£47.00 inc VAT)	<input type="checkbox"/>
Non member	£ 60.00	(£70.50 inc VAT)	<input type="checkbox"/>
Student	£ 30.00	(£35.25 inc VAT)	<input type="checkbox"/>

#### EXHIBITOR RATES

(Prices Include One Tabletop Exhibit, Entrance For One Person To The Conference & Lunch/Refreshments)

IMAPS-UK Corporate Member	£195.00	(£229.13 inc VAT)	<input type="checkbox"/>
All Other Exhibitors	£295.00	(£346.63 inc VAT)	<input type="checkbox"/>

Company Description (For IMAPS-UK Website Listing), 50words max:.....

.....

#### PAYMENT OPTIONS

Invoice sent to: (Name & address if different to above):.....

Cheque enclosed (made payable to IMAPS-UK)

Credit Card - please ring 0843 2898689 for phone payment

BACS Payment - Sort Code: 20-17-35 Bank Account No: 63456285

IMAPS-UK Reserves the right to make changes to the programme without prior notification. Places are limited and available on a first-come, first served basis. IMAPS-UK cannot accept responsibility for items lost or stolen. Fees are non-refundable for cancellations received after 30 May 2010, prior to this date cancellations will be subject to a £25.00 administration charge. IMAPS-UK is a Registered Charity No 801142. Please visit our website: [www.imaps.org.uk](http://www.imaps.org.uk) for further information.