The Innovative electronics Manufacturing Research Centre was established in 2004 as a ‘Centre of Expertise’ through which UK industry can access and influence research in electronics manufacturing. The 3rd annual conference provides a forum for the IeMRC community and industry to share results and experiences and provide an opportunity for networking.

Programme

0830 Arrival & Registration

0930 Welcome and introduction Professor Paul P Conway, Academic Director, IeMRC / Loughborough University

0940 Keynote speaker: Harry Tee, Chairman of the Electronics Leadership Council

1010 Design & simulation of complex low volume electronics production Dr Andy West, Loughborough University.

1035 Coffee Break

1105 Power Electronics Session chaired by Prof Mark Johnson

1110 Partial discharge in power electronics, Dr Ian Cotton, University of Manchester.

1135 Novel high energy density, high reliability capacitors, Professor Patrick Grant, University of Oxford.

1200 Optimum cooling solutions for power electronics, Robert Skuriat, University of Nottingham.

1225 Nanoparticle stabilized solder materials for high reliability applications, Dr Samjid Mannan, Kings College London.

1250 Lunch and networking

1400 Keynote speaker: Michael Weinhold, Technical Director of European Institute of Printed Circuits

1430 Optical Printed Circuit Board Flagship, David Milward, Xyratex.

1510 Integrated health monitoring of MNT enabled integrated systems, Professor Andrew Richardson, Lancaster University & Dr Changhai Wang, Heriot Watt University

1535 Non-invasive ‘safety agents’ for embedded processors, Kam Chan, University of Leicester

1550 IeMRC Futures, Q&As, Professor Paul P Conway

1600 Close

To register for this free event please send an email to: D.A.Cadman@lboro.ac.uk before June 23rd.

With support from:

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