

The Future of Precision Engineering

Wednesday 26 October 2016

The Academy of Medical Sciences, 41 Portland Place, London W1B 1QH

Agenda

- 09.30-10.00** **Registration and Refreshments**
- 10.00-10.30 **Welcome and Overview of the Centre for Innovative Manufacturing in Ultra Precision**
Prof Paul Shore, Head of Engineering Divisions at the National Physical Laboratory
Principal Investigator, EPSRC Centre for Innovative Manufacturing in Ultra Precision at Cranfield University
- 10.30-11.00 **Research Portfolio**
Prof Bill O'Neill, Director, Centre for Doctoral Training in Ultra Precision Engineering
University of Cambridge
- 11.00-11.20** **BREAK**
- 11.20-11.40 **Research Platforms: Laser Focused Ion Beam**
Prof Bill O'Neill, Director, Centre for Doctoral Training in Ultra Precision Engineering
University of Cambridge
- 11.40-12.00 **Research Platform: Meso**
Paul Morantz, Director, EPSRC Centre for Innovative Manufacturing in Ultra Precision
Cranfield University
- 12.00-12.20 **Research Platform: Reel to Reel**
Prof Paul Shore, Head of Engineering Divisions at the National Physical Laboratory
Principal Investigator, EPSRC Centre for Innovative Manufacturing in Ultra Precision at Cranfield University
- 12.20-12.40 **National Strategy Programme**
Martin O'Hara, National Strategy Manager, EPSRC Centre for Innovative Manufacturing in Ultra Precision
Cranfield University
- 12.45-13.30** **LUNCH**
- 13.30-14.00 **Precision Engineering for Flexible Substrates: Purpose, Performance and Production**
John P Flett, Process Development Group Manager
Dupont Teijin Films UK Ltd
- 14.00-14.20 **High Resolution Laser Patterning Using Scanned Mask Imaging: The Outlook for Roll to Roll Processing**
Dave Myles, Development Engineer
M-Solv Ltd
- 14.20-14.40 **Optics and Assemblies**
Dr Peter E. MacKay, Principal Technologist
Gooch & Housego (UK) Ltd
- 14.40-15.00 **Ultra Precision Machining Requirements for the Next Generation Optical and Display Systems**
Andrew Hurst, Industrial Process Manager
Qioptiq
- 15.00-15.30 **Discussion Forum**
- 15.30 **Closing Remarks**
Prof Paul Shore/Prof Bill O'Neill
- 15.35 End of event and refreshments

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