

Micro Manufacturing

Wednesday 25 February 2015

The Manufacturing Technology Centre, Coventry

Tilly Shilling Conference Room

Agenda

- 09.30-10.00 [Arrival and Registration](#)
- 10.00-10.10 [Welcome and Introduction](#)
Martin O'Hara, National Strategy Manager
EPSRC Centre for Innovative Manufacturing in Ultra Precision
- 10.10-10.40 [An Introduction to The Manufacturing Technology Centre](#)
Professor Ken Young, Technology Director
The Manufacturing Technology Centre
- 10.40-11.10 [Laser-Initiated Liquid-Assisted Microstructuring of Surfaces](#)
Dr Magdalena Ulmeanu, University of Bristol
- 11.10-11.30 **BREAK**
- 11.30-12.00 [Advantages of Sensing and Programmability in Nano-/Micro-Robotics](#)
Dr Ian Holton, Acutance Scientific
- 12.00-12.30 [Microinjection Moulding – A New Avenue in Manufacturing](#)
Dr Cristina Tuinea-Bobe, Research & Knowledge Transfer Development Officer
University of Bradford
- 12.30-14.00 [Networking Lunch and Tours](#)
13.00-13.45 **Tour 1** and **Tour 2**
- 14.00-14.30 [Microstructuring by Diamond Machine Turning](#)
Dipl.-Ing. Oltmann Riemer, Head of Department
Laboratory for Precision Machining LFM, University of Bremen, Germany
- 14.30-15.00 [Nanoscale Plasma Etching](#)
Colin Welch, Principal Applications Engineer
Oxford Instruments Plasma Technology
- 15.00-15.30 [Turning a Science into a Process](#)
Gary Marriott, Technical Sales Manager
Muhammad Eesa, Technical Research Manager
Advanced Chemical Etching Ltd
- 15.30-15.50 **BREAK**
- 15.50-16.20 [Disciplines and Tooling for Mechanical Micro Machining](#)
Arthur Turner, Rainford Precision Machines Ltd
- 16.20-16.50 [The Next Generation of Micro Injection Moulding using Ultrasonics](#)
Enric Sirera, Ultrason SL, Spain
- 16.50 [Closing Remarks](#)
Martin O'Hara
- 17.00-17.45 **Tour 3**

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