Laser Processes in Ultra Precision Manufacturing
Thursday 15 October 2015
Jaguar Suite, Ricoh Arena, Coventry, UK

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, Cranfield University

10.10-10.40 Ultra Precision Machining Systems and Technologies
Professor Bill O’Neill, Director of the Centre for Industrial Photonics
Institute for Manufacturing, University of Cambridge

10.40-11.10 Versatility of ns Pulsed Fiber Lasers for Precision Manufacturing Applications
Louise Partridge
SPI Lasers

11.10-11.40 BREAK

11.40-12.10 Control System for Ultra Precision Processing
Karen Yu, PhD Researcher
EPSRC Centre for Innovative Manufacturing in Ultra Precision
Institute for Manufacturing, University of Cambridge

Frank Gábler, Director of Marketing
Coherent Inc.

12.40-14.15 Networking Lunch and Photonex 2015 Exhibition

14.15-14.45 Advances in Laser Micromachining
Andrew Kearsley
Oxford Lasers

14.45-15.15 Laser Finishing - Improving the Surface Quality of Additively Manufactured Components
Wojciech Gora
EPSRC Centre for Innovative Manufacturing in Laser Based Production Processes
Heriot-Watt University

15.15-15.45 BREAK

15.45-16.15 An Approach for Laser Finishing of Wire + Arc Additive Manufacturing Components
Dr Renaud Jourdain
EPSRC Centre for Innovative Manufacturing in Laser Based Production Processes
Precision Engineering Institute, Cranfield University

Dr Krste Pangovski, Photonics Systems Engineer
EPSRC Centre for Innovative Manufacturing in Laser Based Production Processes
Institute for Manufacturing, University of Cambridge

16.45 Closing Remarks
Martin O’Hara

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