

Short pulse laser processing of thin films

A one day workshop on the application of short-pulse laser technologies to structure components for touch panel displays, photovoltaics, and high density electronics.

Date: Tuesday 24th April 2012

Location: M-Solv Ltd. , Oxonian Park, Langford Locks, Kidlington, Oxford OX5 1FP, United Kingdom.

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Workshop Agenda

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| 9.30 | Introductions & competitive advantage of hybrid laser technology Phil Rumsby, M-Solv Ltd. |
| 9.45 | Fundamentals on laser thin film interactions Gerard O'Connor, NCLA –NUI Galway |
| 10.45 | Coffee |
| 11.00 | Laser manufacturing systems David Milne, M-Solv Ltd. |
| 11.45 | Overview of short pulse (ns, ps, fs) laser sources Danijela Rostohar, NCLA –NUI Galway |
| 12.15 | Demonstration of laser technologies M-Solv engineering team |
| 13.15 | Lunch |
| 14.15 | Keynote: Perspectives on ultra-short laser materials processing David Ashkenasi, Laser- und Medizin-Technologie GmbH |
| 15.15 | Coffee |
| 15.30 | Research progress in <i>Laser Connect</i> Hybrid Inkjet and Laser ablative processes, Adam Brunton, M-Solv Ablation of ITO with different pulse durations, Camilo Prieto, M-Solv Influence of beam shaping on thin film ablation, Cormac McDonnell, NCLA Laser dicing of dielectric substrates, Adam Collins, NCLA Enhanced laser ablation of glass using thin films, Daniel Nieto, Ciditec |
| 16.45 | Discussion & Close |