

10:00 Registration & Coffee

10:30 Opening of meeting

Prof. Nicholas Canny, VP for Research, NUI Galway

10:40 New Photonics Programmes, Facilities and Services for Industry

Prof. Chris Dainty, lightHOUSE

10:50 Optics for a Competitive Advantage in Manufacturing (Followed by Q&A)

Dr. Steve Fantone, CEO, Optikos

11:40 Recent Advances in Laser Fabrication on a Micro- and Nano-scale at LZH (Followed by Q&A)

Dr. Andreas Ostendorf, Executive Director, Laser Zentrum Hannover

12:30 Progress towards a Photonics in Industrial Production Competence Centre

Dr. David Gillen, Promoter, Photonics in Industrial Production Competence Centre

12:45 Lunch

14:00 Retuning the Growth Engine: An Overview of American Chamber Strategy Paper

Mr. Mike Devane, Chairman, American Chamber R&D Group

14:45 Introduction to BESTNet Skillnets Training Network

Mr. David Greenwood, NCLA Training Specialist

15:00 The Irish Nanotechnology Infrastructure, Current and Future Perspectives

Dr. Diarmuid O'Brien, Director, Centre for Research on Adaptive Nanostructures & Devices, (CRANN, TCD)

15:40 Laser Nanoprocessing within the NANOTEIRE National Nanoscience Programme

Dr. Gerard O'Connor, LightHOUSE, NUI Galway

16:00 Meeting Close

- *The project aims to support companies in the BMW region by increasing awareness in industry of the potential of Photonic Technologies in products and processes leading to improved competitiveness of industry.*
- **The project will be delivered in five distinct packages:**
- ***Session 1. (Today) Competitive Advantage Through Photonics***
Overview of technology, key applications and potential
- **Session 2. Photonics21- Europe's Photonics Strategy, and How it Will Impact Irish Industry**
This session will address important issues and implications for Irish industry, raised by this new strategy document. The session will be delivered by the professionals most closely involved with the preparation of Ireland's submission, Prof. Chris Dainty, Applied Optics, and Gerard O'Connor, NCLA
- **Session 3. Laser and Optics. Enabling Technologies for Irish Industry**
This session will cover case studies, the potential benefits which can be reaped by companies who adopt photonic technologies within their products and processes, as well as routes to new disruptive products and processes.
- **Session 4. Access to Photonics Research Services, regional and national**
This session will provide attendees with the information on the resources which exist to support industrial research regionally and nationally. The session will be addressed by staff from LightHouse and Enterprise Ireland. It will cover scientific information resources and will describe the valuable market and product information available from the Enterprise Ireland Information Centre.
- **Session 5. Access to Photonics Research Services, International**
Details of international support services for industry in this field, case study successes and scope for interaction with industry support networks
- **Supported by the ERDF via**