

ILAS 2013

Industrial Laser Applications Symposium

Nottingham Belfry Hotel

12 & 13 March 2013

Call for Abstracts

Deadline: 24 September 2012

The Industrial Laser Application Symposium (ILAS), organised by the Association of Laser Users (AILU), provides a biennial opportunity for those involved in the use and development of Laser Materials Processing (LMP) to present their work and showcase their products; with the aim of stimulating further technological and applications developments and an increase in the use of LMP.

Building on the success of ILAS 2011, ILAS 2013 will provide a programme of technical presentations covering the state-of-the-art in the wide scope of LMP processes and applications, ranging from those already well established in industrial processes through to new developments to meet the themes of the UK's manufacturing agenda. Reviews of LMP processes and technology will also be provided for those who are new to the use of lasers or are moving into a new area of laser processing. ILAS 2013 will also provide an exhibition for suppliers of laser-related products and services and other opportunities for delegates to network with the UK knowledge base and supply chain.

The selection of the technical presentations for ILAS 2013 will be based on a written abstract, which should include a description of the scope of the work being reported, its scientific or industrial relevance and a summary of important results. Case studies, collaborative research projects and technical reviews all fall within the scope. The abstract should be given a clear title, and the names and affiliations of the authors should include e-mail addresses. The name of the corresponding author should be underlined.

Abstracts submitted for presentation in an introductory session should follow the above requirements for technical presentations, but in place of technical detail should provide a list of key topics to be covered and, for each, the main learning outcome; also, the abstract should be accompanied by a short CV highlighting the experience of the author in the topics addressed.

Abstracts submitted for presentation in the business session should follow the above requirements for technical presentations, but in place of technical detail should include a description of the scope of the presentation and its importance to the industry sector(s) it might apply to.

This call for outline abstracts (less than 200 words) is to help the organising committee select which presentations to accept and which session to place them in.

Scope

The scope of the symposium includes: •Laser sources and systems/machines •Laser beam manipulation and work piece manipulation •All LMP applications of relevance to manufacturing industry, from micro to macro-scale • Strategic planning and other business matters.

There will be a prize of £200 awarded for the best student presentation, which will be judged on the basis of quality of presentation and its relevance to industrial need.

Please email your abstract to liz@ailu.org.uk

For further information:



AILU, Oxford House, 100 Ock Street, Abingdon OX14 5DH
T: (+44) (0)1235 539595, F: (+44) (0)1235 550499

2013 Technical Programme Committee

Jack Gabzdyl (SPI), Paul Goodwin (Laser Cladding Technologies), Malcolm Gower (Imperial College, London), Clive Grafton-Reed (Rolls-Royce), Mike Green (AILU) (Secretary), Mark Greenwood (JK Lasers), Duncan Hand (Heriot-Watt Uni), Paul Hilton (TWI), Gerry Jones (Trumpf), Andrew Kearsley (Oxford Lasers), Lin Li (Uni of Manchester), Neil Main (Micrometrics), John Powell (Laser Expertise), Rob Scudamore (TWI), Martin Sharp (Liverpool John Moore Uni) (Chair), Stewart Williams (Cranfield Uni)