Registration form

Laser Engineering for Your Business
28/29th April 2010

Delegate information

Title

First name

Surname

Position

Organisation

Address

Postcode

Telephone

Email

Please reserve me a place on:

◯ 28 April 2010 ◯ 29 April 2010 ◯ Both days

My business sector is:

My area of interest is:

◯ Cutting
◯ Drilling
◯ Welding
◯ Surface engineering
◯ Additive manufacturing
◯ Rapid prototyping
◯ Marking and engraving
◯ Micro/nano
◯ Other (please specify)

◯ I am interested in having a 1-2-1 discussion

If you have any specific dietary or accessibility requirements, please contact Heather.

Event information

Further information

The programme and on-line registration forms can be found on at http://lprc.mace.manchester.ac.uk/events

Exhibitors

There are limited spaces available for exhibitors so an early response is recommended. Please contact Heather for further information.

Travel

The venue is easily accessible by public transport and by road. There is free parking available on site.

Full event information will be sent to all attendees before the event including timetable, directions etc.

Cost

This event is funded by the European Regional Development Fund and the North West Regional Development Agency therefore **attendance is free** for small and medium sized Enterprises (SMEs) in the North West. All other companies should contact Heather for further information.

For further information please contact

Heather Daluz Vieria
The University of Manchester
H10 Pariser Building
Sackville Street
Manchester
M60 1QD

tel 0161 306 3816
fax 0161 200 3803
email lasers@manchester.ac.uk
http://lprc.mace.manchester.ac.uk/events

The University of Manchester
Oxford Road, Manchester M13 9PL
Royal Charter Number RC000797
J2798 02.10

MANCHESTER 1824

The University of Manchester

Laser Engineering for Your Business

28 - 29 APRIL 2010

The Armitage Centre
Moseley Road
Fallowfield
Manchester
M14 6HE

Organised by
The North West
Laser Engineering Consortium

nwlec

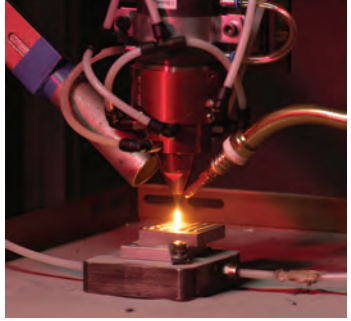
SUPPORTED BY

Northwest Regional Development Agency

University of Liverpool

Investing in englandsnorthwest
European Regional Development Fund

the association of AILU laser users



About the event

The North West Laser Engineering Consortium is the largest university based laser processing research group in the UK and works with a large number of companies. It consists of laser processing research groups at the Universities of Manchester and Liverpool.

The Knowledge Exchange for Laser Processing project aims to enable North West companies to benefit from the advantages that laser technology offers to companies working across a broad range of sectors, including Aerospace, Biomedical, Energy, Automotive, Manufacturing and Consumer Goods.

This event will provide an invaluable introduction to the potential applications and benefits of using lasers, including product improvement, time and cost savings and the ability to solve problems faced using traditional techniques in addition to new business opportunities inspired by laser technologies.

Areas of expertise

Enhanced welding processes: net shape, thin section, low distortion, low heat affected zone, narrow weld.

Enhanced material/surface properties and performance: scratch resistance, improved adhestion, self-cleaning, wear resistance, corrosion resistance, increased fatigue life, increased cell adhesion.

Enhanced drilling processes: faster, micro holes, angled holes, reduced tooling cost, chemical free.

Enhanced cutting processes: high speed, high quality, complex profiles, low heat affected zone.

Additive manufacturing: rapid prototyping, complex 3D structures, repair of high value components.

Event programme

The first day will provide an introduction to Laser Engineer including laser drilling, welding, cutting, surface enhancement, micro-nano fabrication and other technologies.

A case will be made for the economic benefits, with the potential to save business both time and money.

Day two will present various applications of laser technology across a number of sectors, including Aerospace, Biomedical, Energy, Automotive, Manufacturing and Consumer Goods. Case studies will be given demonstrating practical solutions currently being used by industry

There will be a number of one-to-one sessions available for people to discuss specific issue with staff. These sessions will be running parallel to the main event and times should be booked before the event, or during the morning registration session.

Throughout both days, there will be the opportunity to speak to staff from both the Universities of Manchester and Liverpool about how we can assist your business through the KE-LAS project, including the possibility of **free consultancy**.

Lunch and refreshments will be provided on both days providing an opportunity for networking with other delegates and project staff.

Heather Daluz Vieira
H10 Pariser Building
The University of Manchester
Sackville Street
Manchester
M60 1QD