



ANNOUNCEMENT OF ONE-DAY MEETING AND CALL FOR PAPERS

Optical Micro & Nano Fabrication

Date: Wednesday 3rd November 2010

Venue: The International Centre, St Quentin Gate, Telford TF3 4JH

AN EVENT AT PHOTONEX 2010 - WWW.PHOTONEX.ORG

"Many fabrication processes rely upon the interaction of light and matter. The use of lasers for machining and material processing is widespread in industry and the technology is developing rapidly. One direction for this development is the use of optical techniques to provide finer fabrication precision.

Recent years have also seen developments in optical micro and nanofabrication research, using a range of fabrication principles. One area of particular interest is the use of high resolution optical techniques to produce smaller features, with sizes well below those used in conventional laser processing. The successful implementation of these techniques has required new optics, materials and handling methods.

The meeting programme will place emphasis on research into new optical methods for fabrication on the micrometre and sub-micrometre scales. We invite you to participate in this meeting, present your work and network with others from both research and industry."

Dr Martin Booth, Chairman of Meeting Programme.

Deadline Date for Paper Submission: 3rd September 2010

We particularly invite contributions in the following, though not exclusive, areas of research:

Fine scale laser machining • direct laser writing • holographic approaches • 3D methods • photopolymerisation • metal deposition • ablation • optical manipulation and fabrication • near-field methods • multi-photon methods • multi-beam approaches • micro/nano-scale light matter interaction

Meeting Essentials

This meeting will be an important opportunity to network with leaders in optical micro and nano fabrication technologies. For those new to these technologies this will be an excellent chance for professional development.

The Programme

The technical committee comprises Dr Martin Booth (University of Oxford) and Dr Patricia Scully (University of Manchester) on behalf of the Optical Group of the Institute of Physics.

MARK YOUR DIARY!

Time built into the meeting programme to include the opportunity to visit the co-located PHOTONEX 2010 exhibition

Great venue, easy to drive to and direct trains from London & Birmingham

Free parking, free shuttlebus

More details will be posted on the website: www.photonex.org/conference/omnf.php



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To receive further information, to submit a paper or to inform us of your intention to attend, please complete and return the form below and fax back to +44 (0)1372 750666 - or email Martin Booth at martin.booth@eng.ox.ac.uk

1. Contributors

Prospective authors should advise us of the wish to be involved by 3rd September 2010 providing a title of their paper to be presented. Nearer the time, a 100-200 word abstract will be required; this will need to include the names of authors and their affiliations and to specify the name of the presenting author.

2. Meeting attendees

Please complete the form below or on-line at:
www.photonex.org/conference/register.php

3. Anybody else

To register as a visitor to the Photonex 2010 Exhibition please visit
www.photonex.org

Peer review

This meeting will undergo a peer review by members of the Technical Programme Committee. The results of this review will lead to topic-driven sessions for this meeting.

What to do next

1. Send this information to colleagues and associates.
2. Sign up for email updates
3. Register your interest to attend as soon as possible.

Delegate fees:

Standard Meeting fee: £45
IOP Members rate: £39
Student rate: £27

All prices include VAT
Lunch & refreshments are included

Each place booked after 22 Oct will incur a late booking fee of £12

Committee contact:

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Meeting admin contact:

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Accepted abstracts will be made available at the meeting.

More details will be posted on the Photonex 2010 website at:
www.photonex.org/conference/omnf.php
and the IOP Optical Group website at:
www.iop.org/activity/groups/subject/opt

RESPONSE FORM

Return by fax: **+44 (0)1372 750666**
or by email: **info@enlightenmeetings.co.uk**

Please tick as appropriate:

- My/our abstract will follow; it is my intention to participate.
- Please add me to your database, I wish to receive more information as it becomes available.

Name: _____

Organisation: _____

Address: _____

Tel: _____ Fax: _____

E-mail: _____

Abstract title will be (leave blank if this is to follow later):
