

## PRE-REGISTRATION FORM\*

Prof.  Dr.  Mr.  Mrs.  Ms.

Name \_\_\_\_\_

Institution \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

Fax \_\_\_\_\_

E-mail \_\_\_\_\_

I wish to participate in the Colloquium

I intend to make a presentation

I intend to publish a paper

The tentative title of my presentation/paper:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*If you have answered us by email, there is no need to mail us this pre-registration form

## IMPORTANT DATES

**Pre-registration** *ASAP (not later than 30 September 2004)*  
**Abstract due:** *31 January 2005*  
**2<sup>nd</sup> Circular:** *15 March 2005*  
**Registration:** *15 May 2005*  
**Paper due:** *20 July 2005*  
**On-site registration:** *19 & 20 July 2005*  
**Colloquium:** *20-22 July 2005*

## ORGANIZING COMMITTEE

### Chairman

Prof. Vadim SILBERSCHMIDT Loughborough University, UK

### Co-Chairmen

Prof. Ewald WERNER TU München, Germany  
Prof. Helmut BÖHM TU Wien, Austria

## LOCAL ORGANISING COMMITTEE

Prof. Vadim SILBERSCHMIDT Dr Andrew NURSE  
Dr Alexander MITROFANOV Mr Naseer AHMED

## CONFERENCE OFFICE

Prof. Vadim Silberschmidt  
Wolfson School of Mechanical and Manufacturing Engineering  
Loughborough University  
Loughborough  
Leicestershire LE11 3TU, UK

Phone: +44 (0) 1509 227504  
Fax: +44 (0) 1509 227502  
E-mail: v.silberschmidt@lboro.ac.uk

# EUROMECH Colloquium 466

## Computational and Experimental Mechanics of Advanced Materials 2005

First Announcement

**20 - 22 July 2005**  
**Loughborough, UK**



Co-sponsored by:



**Institute of Physics**  
Stress and Vibration Group

<http://www.lboro.ac.uk/departments/mm/conferences/ec466>

## SCOPE OF THE COLLOQUIUM

The aim of the Colloquium is to bring together experts from the fields of continuum mechanics and micromechanics, materials science, applied mathematics, physics, and mechanical, aerospace and civil engineering to improve the mutual understanding of deformation and failure mechanisms governing mechanical properties of materials and components/structures. The Colloquium focuses on the methods of modelling, numerical simulations and the industrial application of advanced materials and the experimental verification of models describing a material response to various types of loading. The important aspect of the Colloquium will be modern engineering and biomechanical applications of advanced materials (composites, ceramics, MMCs, multiphase alloys, metallic foams, biomaterials, etc.)

## COLLOQUIUM VENUE

The EUROMECH Colloquium 466 will be held on the Campus of Loughborough University where the *Wolfson School of Mechanical and Manufacturing Engineering* is located.

Loughborough is a university town situated in the very heart of England next to cities of Nottingham and Leicester. It is conveniently located within easy access from London (1 hour 20 min by train) and next to the international Nottingham East Midlands Airport (EMA) (7 miles) that provides budget flights to many European destinations. Other nearby airports are in Birmingham, Luton and Coventry (about 1 hour by train from each). Additional information on the location can be found on the web page [www.lboro.ac.uk/about/findus.html](http://www.lboro.ac.uk/about/findus.html). The *Wolfson School* is easily reachable from the Loughborough town centre (10 min by bus or 30 min by foot) and Loughborough Train Station (Bus 7 or taxi). For more information please visit <http://www.lboro.ac.uk/departments/mm/location.html>.

## ACCOMMODATION

The list of hotels/guest houses in Loughborough (<http://accommodation.lboro.ac.uk/visit/hotels.php>) provides all necessary information with respect to accommodation/reservation. Block of rooms will be booked for participants both in the *Burleigh Court International Conference Centre* situated on campus and in student halls of residence (subject to availability).

## ABSTRACTS

Abstracts (1 page, 1.5-spaced) are invited in e-form (as a WinWord-file) before **31 January 2005**. They should contain the title of the communication, full names and addresses of the authors, objectives of the study, employed methods, and the most significant results. Copies of all the abstracts will be available in booklet form on the first day of the Colloquium.

## PAPERS

We plan to publish the papers presented at this Colloquium in the international journal *Materials Science and Engineering A*. The respective information on this publication will be sent to participants of the Colloquium with the 2<sup>nd</sup> Circular.

The support of the Alexander von Humboldt Foundation and the Institute of Physics (Stress and Vibration Group) is gratefully acknowledged.

## REGISTRATION AND REGISTRATION FEE

The deadline for a pre-registration is **30 September 2004**. A *Pre-Registration Form* is in this flyer: please return it either by e-mail or post.

All participants of the Colloquium are required to register and to pay the registration fee. The details of the registration, payment as well as the Registration Form will be included into our Second Announcement.

### Registration fee:

Regular participants \*: **GBP 160.00**

EUROMECH Members: **GBP 137.00**

\* Non-members can become members of EUROMECH, at least for the year of Colloquium, for a yearly subscription of **EUR 24.00**. A copy of the *EUROMECH Membership Application* can be downloaded from <http://www.euromech.cz/Text/applform.doc>.

On-site registration will be available at a **GBP 10.00** surcharge.

Conference fee includes admission to sessions, coffee breaks, lunches, the Conference Dinner, social programme and preprints of the abstracts.