Living with Composites

Fire Resistance

Begbroke Science Park
Oxford University

Wednesday 27th February 2008

Photo: Paul Kitagaki Jr./Seattle Post-Intelligencer

IOM³ The British Composites Society
A Division of the Institute of Materials, Minerals and Mining

FARADAY ADVANCE

Materials
Knowledge Transfer Network

Background

Where composite materials are used in transport applications they need to perform safely under fire and accident conditions, especially where evacuation is difficult.

Fire safety legislation has limited the use of composite material solutions in the transport sector.

Technologies for fire resistant composite materials and protective coatings have advanced over recent years, but have not always been translated into the market.

There is significant scope to exploit and improve technology in this area.

Aims

- To provide an overview of the existing technology
- To discuss and address the barriers and key needs for different transport sectors
- To create a forum for potential collaborations to develop and bring to market new and better fire resistant composite materials

Who should attend

- Designers of boats, ships, aircraft, trains
- Builders of boats, ships, aircraft, trains
- Manufacturers of fire resistant products for the transport sector
- Researchers and academics involved in composites and/or fire resistance
- Those in regulatory bodies / involved in certification of materials and structures for the transport sector

Preliminary Programme

9.30 am Registration for 10.00am start

Presentations to include:

Introduction and Challenges:
Dr Alan Groves, DSTL

Materials and Test procedures for Transport:
Prof Geoff Gibson, Newcastle University

Structural Fire Protection on Cruise Vessels:
Mr Richard Vie, Carnival Corporate Shipbuilding

Sandwich Structures in Lifeboats:
Prof Ajit Shenoi, Southampton University

Challenges in Structural Composites and Textiles:
Prof Baljinder Kandola, Bolton University

Multifunctional Fire Resistance:
Dr Murray Orpin, Pyro Technologies

Composites in Rail– from Trains to Underground Stations:
Dr John Davies, QinetiQ and Mr Clive Attwood, BFG International

Chairing:
Mr Ken Forsdyke, Composites UK
Prof Paul Hogg, Manchester University

4.00 pm Close

There will be an opportunity to exhibit poster displays in the Oxford room where lunch will be served to delegates.

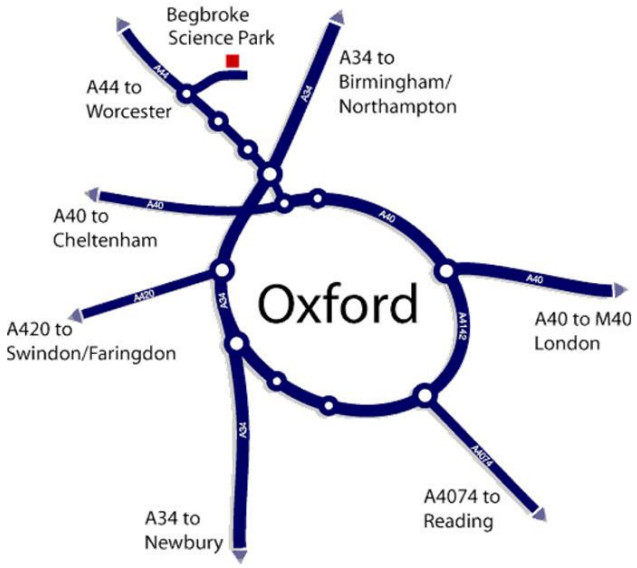
Photo: Hiroshi Tsujimoto/AP

Location

Living with Composites: Fire Resistance
Wednesday 27th February 2008

The Blenheim Conference Room
Oxford University
Begbroke Science Park
Sandy Lane, Yarnton
Oxford OX5 1PF

Parking is available on site.
Nearest Rail station: Oxford



This event is organised by Faraday Advance (the Transport Node of the Materials Knowledge Transfer Network) in conjunction with the Meetings and Marketing Committee of the British Composites Society, a Division of the Institute of Materials, Minerals and Mining (IOM3)

Registration

Cost: £60 per delegate, including lunch and refreshments

Name:.....

Email:.....

Position:.....

Organisation:.....

Address:.....

.....

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.....

❑ I wish to reserve space for a poster display

Please post or fax your registration to:

Lesley Jenkins
Faraday Advance
Begbroke Science Park
Sandy Lane, Yarnton
Oxford OX5 1PF

email: faraday@materials.ox.ac.uk
tel: 01865 283703
fax: 01865 848785

Internal use only:

From (Department):	Materials
Department code:	DJ
Date:	
Departmental Contact:	Barry Fellows (273702)
Cost code:	
Transaction details:	

Method of payment:

❑ **Cheque:** *payable to "Department of Materials, University of Oxford"*

❑ **Invoice:** *Invoices can only be issued against a valid purchase order number*

PO No:.....

❑ **Credit / debit card**
Card details:
- ❑ Visa
- ❑ Delta
- ❑ Mastercard
- ❑ Switch

(sorry, but we cannot accept other card types)

Card number:.....

Card security code:.....

Card expiry date: month.....year.....

Cardholder details:

Name on card:.....

Address:.....

.....

Postcode:.....

Contact phone no:.....

Please debit my card by: £.....
(amount in figures)

£.....
(amount in words)

Signature:.....

Data Protection Act
Faraday Advance will hold and use the data supplied on the registration form for administrative purposes and to keep you informed of future events or relevant information. If you would prefer not to receive further mailings from Faraday Advance, please tick the following box: ❑