

Hydrogen and fuel cell technologies:

Safety issues

29 September - 3 October 2008, Belfast, UK



Early booking recommended
for all courses!

Further courses in 2008/2009 series

Hydrogen regulations, codes and standards
January 2009

Safety of hydrogen fuelled vehicles
April 2009

The hydrogen and fuel cell infrastructure
May-June 2009

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Forschungszentrum Karlsruhe
In der Helmholtz-Gemeinschaft

Organised by **HySAFER**

H2safety@ulster.ac.uk

Hydrogen Safety Engineering and Research, **University of Ulster**

Technical Programme

Monday 29th September 2008

- 12:30-14:30 Hydrogen safety engineering (Prof. V. Molkov, Dr. S. Brennan, UK)
14:45-15:45 Overview of hydrogen and fuel cell technologies (Dr. T. Jordan, Germany)
16:00-17:00 Hydrogen: a German perspective (Dr. T. Jordan, Germany)

VENUE:

Loughview suite,
Shore Rd., Newtownabbey,
University of Ulster

Tuesday 30th September 2008

- 09:30-12:15 Hydrogen safety: state-of-the-art (Dr. T. Jordan, Germany)
13:45-15:00 Hydrogen: a Japanese perspective (Prof. T. Hirano, Japan)
15:15-17:00 Safety of processes involving hydrogen (I) (Prof. T. Hirano, Japan)

ACCOMMODATION:

Information on booking
hotels & B&Bs will be sent
to applicants in due course

Wednesday 1st October 2008

- 09:30-12:15 Safety of processes involving hydrogen (II) (Prof. T. Hirano, Japan)
13:45-15:00 Hydrogen: North America perspective (Dr. A. Tchouvelev, Canada)
15:15-17:00 Introduction to regulations, codes and standards (Dr. A. Tchouvelev, Canada)

COURSE FEE*:

£950 for full course
£250 for 1day attendance

Thursday 2nd October 2008

- 09:30-12:15 Risk management of HFC technologies (Dr. A. Tchouvelev, Canada)
13:45-15:00 Hydrogen: a French perspective (Dr. P. Serre Combe, France)
15:15-17:00 Bottle necks in HFC technologies (Dr. P. Serre Combe, France)

NO FEE for PGD/MSc HSE: Prepaid (20 CATS points)

OPTIONAL FEE:
£199 (see registration form)

Friday 3rd October 2008

- 09:30-11:00 Hydrogen: a UK perspective (Dr. S. Hawksworth, UK)
11:15-12:30 Current practices in hydrogen safety (Dr. S. Hawksworth, UK)
13:45-15:00 Closing session (Prof. V. Molkov, Dr. S. Brennan, UK)

QUERIES:

H2safety@ulster.ac.uk;
Phone +44(0)2890368751
(Dr Sile Louise Brennan)

* - Course fee includes access to technical sessions, course materials, welcome reception, lunches and refreshments, and course dinner

Register for the World's first PGC/PGD/MSc course in Hydrogen Safety Engineering and reduce your fee at:
<http://campusone.ulster.ac.uk/potential/postgraduate.php?cid=C514PJ>



REGISTRATION FORM (Please complete in BLOCK CAPITALS and tick a box where appropriate)

SURNAME: FIRST NAME: TITLE (PROF/DR/MR/MISS/MS):

JOB TITLE: ORGANISATION:

ADDRESS:

TELEPHONE: FAX: EMAIL:

ANY SPECIAL REQUIREMENTS

COURSE FEES

Full course attendance fee £950 (5 days) ☐ One day fee £250 ☐ Number of days ☐
Free for PGD/MSc HSE students (prepaid as part of payment for the course, 20 CATS points £380)
Optional fee for PGD/MSc HSE students (welcome reception, lunches, refreshments, course dinner, etc.) £199 ☐

METHODS OF PAYMENT

- Cheques** in pounds Sterling should be made payable to the "University of Ulster" and crossed.
- If you wish to be **invoiced** please supply: name, organisation, address for invoice, post code, order no., phone no. & contact person.
- Payment may be made by **credit/debit card** using VISA, or MASTERCARD credit card or by SWITCH, MAESTRO and VISA Electron debit cards only. If you wish to pay by one of the above cards please complete the following in full:

TOTAL COST £ VISA ☐ MASTERCARD ☐ SWITCH ☐ MAESTRO ☐ VISA Electron ☐

NAME ON CARD: EXPIRY DATE:

ADDRESS (Billing address):

Charge to my credit/debit card: ☐

ISSUE No (switch only):

VALIDATION CODE (only required if no signature):

SIGNATURE:

DATE:

The **course fee** and **completed registration** form should be sent by post or fax to: Ms Sharon Adams, CPDU, University of Ulster, Shore Road, Newtownabbey, Co. Antrim BT37 0QB, UK. Fax Number: +44(0)2890366060.
Arrangements can be made to make a direct bank transfer if required. Please request our bank information.