

# Applying innovation to decommissioning and remediation on nuclear sites



18 November 2009, Chorley

hosted by



## CPD

This course has a value of **4** hours towards your CPD



## Venue

NSG Environmental Ltd,  
Scientia House  
Western Avenue  
Matrix Park  
Chorley,  
Lancashire PR7 7NB

## Course fees

SAFESPUR members

## Free

Non-members

£185.00 +VAT (£212.75)

Driving good practice in  
association with



[www.safespur.org](http://www.safespur.org)

## How to book

Register and book online at  
[www.ciria.org](http://www.ciria.org)

Complete and fax to CIRIA on:  
+44(0)20 7253 0523

or post to

CIRIA  
Classic House  
174-180 Old Street  
London EC1V 9BP

## Background

The UK's nuclear industry is benefiting from applied technologies for the treatment and management of legacy waste, storage, disposal as well as interlinked decommissioning activities and site remediation. The challenges that lie ahead are significant and may need to be resolved through the application of innovative solutions that can be drawn from a number of industries and technology disciplines. It is important to consider building synergistic relationships with other sectors thus allowing the dissemination of technologies and sharing of best practice.

This event firstly provides an overview of the Nuclear Decommissioning Authority's research and development activities on waste and decommissioning. There will then be an opportunity to hear examples of the application of innovative and/or transferable technology to the nuclear industry in support of decommissioning, waste management and remediation. You will also be able to listen to a winner based on BBC Two's Dragon's Den style competition about a simple but effective "ice-pigging" technique that has been already recognised by the water industry which is now gaining interest in the nuclear industry.

The event will also feature a site tour of the new testing facilities at NSG Environmental, including the nuclear waste management development facilities.

## Additional information

*\*Please indicate on the booking form on the reverse of this page which PPE equipment you will be able to bring on the site tour, should you be attending.*

## Programme

- |   |   |
|---|---|
| <b>10.00</b> Registration and refreshments  | <b>12.30</b> Geomelt vitrification: Life cycle benefits for the treatment of toxic and radioactive wastes<br>Greg Broda/Robert Henderson, Impact Services, Inc  |
| <b>10.15</b> Chairman's introduction  |   |
| <b>10.30</b> R&D across the NDA for waste and decommissioning<br>Darrell Morris, NDA  | <b>12.45</b> Applying "ice pigging" to the nuclear industry<br>Joe Quarini, Bristol University  |
| <b>11.00</b> Innovation on Sellafield site in decommissioning and waste management<br>Mike James, Sellafield Ltd  | <b>13.05</b> Lunch and networking   |
| <b>11.20</b> New techniques and technologies in support of decommissioning and legacy waste management – DIAMOND perspective<br>Katherine Morris, University of Leeds | <b>13.50</b> Chairman's summary   |
| <b>11.40</b> Refreshments and networking  | <b>14.00</b> NSG Environmental Site Tour*, including: <ul style="list-style-type: none"><li><input type="checkbox"/> Techniques for retrieving sludge from Sellafield ponds</li><li><input type="checkbox"/> Developing a process for treating the waste from Sellafield's silos</li><li><input type="checkbox"/> The toolbox for wet waste retrieval</li><li><input type="checkbox"/> Techniques for long term stabilisation of wastes</li></ul> |
| <b>12.00</b> What are the options for sustainable remediation technology selection?<br>Richard Clayton, WSP Remediation Ltd   | <b>15.30</b> Close  |
| <b>12.15</b> Remediation technology demonstrators<br>Divyesh Trivedi, National Nuclear Laboratory   |   |

CIRIA recommends this workshop for 4 hours towards CPD requirements with the ICE, CIOB, RIBA & RICS, CIBSE, IstructE

# Booking form **Applying innovation to decommissioning and remediation on nuclear sites**

**18 November 2009, Chorley (E9404)**

Email \_\_\_\_\_

Title \_\_\_\_\_ First name \_\_\_\_\_ Surname \_\_\_\_\_

Job title \_\_\_\_\_

Company name \_\_\_\_\_

Address \_\_\_\_\_

\_\_\_\_\_ Post code \_\_\_\_\_

Tel \_\_\_\_\_ Fax \_\_\_\_\_

Company's main activity \_\_\_\_\_

Please tick one of the following  I will be attending the site tour and will bring:  
 Hard hat  High visibility jacket  
 Steel toes capped walking boots

**Payment and information details:**  **FREE (I am a SAFESPUR member)**  I cannot attend the site tour

Non member £185 +VAT (£27.75) **Total: £212.75**

Please debit my card Amex  Visa  Mastercard

Card no

Expiry date     Security code \_\_\_\_\_  
The last 3 digits (Amex 4) of the number printed on the signature strip

Name of cardholder \_\_\_\_\_

Address of cardholder (if different from company address) \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Signed \_\_\_\_\_ Date \_\_\_\_\_

## About CIRIA

CIRIA is a member-based, not-for-profit organisation which has, over the past 13 years, published extensively on contaminated land issues.

## About SAFESPUR

This CIRIA forum provides:

- a forum to discuss and better understand technical and regulatory aspects on nuclear decommissioning projects
- up-to-date information from the NDA, government and regulators
- briefings on SAFEGROUNDS and SD:SPUR learning networks
- excellent business networking opportunities with the UK nuclear and defence supply chain, industry practitioners and client organisations
- continuing professional development for you and your staff.

## Further information

For further information on CIRIA membership, outputs and programmes, please contact the events team at:

**Tel:** 020 7549 3300

**Fax:** 020 7253 0523

**Email:** [enquiries@ciria.org](mailto:enquiries@ciria.org)

**Web:** [www.ciria.org](http://www.ciria.org)

Additional delegate(s): Please photocopy this form for each additional delegate.

Please complete this form and fax it to our Events team on +44 (0)20 7253 0523  
or mail it to CIRIA, Classic House, 174-180 Old Street, London EC1V 9BP  
or register online: [www.ciria.org](http://www.ciria.org)

## Terms and Conditions

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