

TWO DAY CONFERENCE

8 & 9 November 2017

Wolfson College,
University of Oxford

REALISING A FUSION POWER PLANT



EVENT DESCRIPTION:

Co-hosted by the Nuclear Institute and the UK Atomic Energy Authority this two-day conference will feature leading speakers from the industry and academia presenting on the future of energy production.

Delegates will learn how close we are to **Realising a Fusion Power Plant** and be part of the conversation on the biggest technical challenges and latest progress.

Speakers from the fusion research programme, industry and academia will bring you up to date with the latest progress in the biggest technical challenges – heating a gas of fuels to 150 million degrees C; exhausting immense heat loads, devising neutron resistant structural materials and making the whole thing remotely maintainable.

This conference includes an exclusive opportunity to take a technical tour of JET and the UKAEA's new robotics and materials research facilities.

Don't miss the chance to learn about the future of energy production.

WHO SHOULD ATTEND?

Ideal for everyone with an interest in nuclear energy and the transfer of knowledge and technology from Fission to Fusion. Scientists, academics, materials and science modelling professionals and suppliers seeking to enhance their awareness and knowledge of fusion power and connect with subject matter authorities.

A basic level of technical knowledge will be assumed.

THE PROGRAMME

The programme will cover three key areas with a half-day session dedicated to each:

THE LANDSCAPE FOR FUSION POWER: Addressing the necessity of political and public acceptance, the importance of economic and social considerations and opportunities in technology development and R&D.

CONNECTING FISSION AND FUSION TECHNOLOGIES: Technology and knowledge transfer from fission to aid the realisation of fusion power plants.

FUSION SPECIFIC TECHNOLOGIES: Technology and engineering challenges unique to a fusion power plant

In the afternoon of Day Two a free technical tour of JET and the new Materials Research Facility is being offered to the first fifty delegates that request a tour.

Confirmed Participants:

Professor Ian Chapman, Chief Executive Officer UK Atomic Energy Authority

Tom Greatrex, Chief Executive NIA

Dr Paul Howarth, Managing Director NNL

Greg Willetts, Vice President Consultancy & Defence, AMEC Foster Wheeler

Margaret Graham, ITER Organization

Professor Damian Hampshire, Durham University

See nuclearinst.com for further speaker details



#FusionPower

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REGISTRATION

Payments must be received prior to the event.

Please complete in BLOCK CAPITALS. One form per person

Title: Mr Mrs Miss Other:

Name:

NI Membership ID:

Organisation/Company:

Address:

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Special requirements (dietary* or access):

* Special dietary requirements must be given no later than one week prior to the date of the seminar

Rates	Fee	VAT	Total	X
NI Member	£249.00	£49.80	£298.80	<input type="checkbox"/>
Academics*/NI YGN	£195.00	£39.00	£234.00	<input type="checkbox"/>
NI Corporate Member**	£299.00	£59.80	£358.80	<input type="checkbox"/>
Non-Member	£325.00	£65.00	£390.00	<input type="checkbox"/>
Student***	£50.00	£10.00	£60.00	<input type="checkbox"/>
CODE:	TOTAL: £			

* Academics will be asked to verify their academic affiliation e.g. student card, email address, email from employer

** Rate applies to NI Company Members, Partner Companies and to employees of Company Membership Schemes who are not currently individual members of the NI

*** At least fifteen student places are available on a first paid booking basis, followed by a waiting list should additional places be made available

For group booking discounts (5 or more) please contact events@nuclearinst.com

Return Forms to: N.I. Enterprises Ltd,
CK International House, 1-6 Yarmouth Place, London W1J 7BU
Tel: +44 (0)20 3475 4701 E-mail: events@nuclearinst.com

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Delegates wishing to be invoiced must provide an order number. If your company does not use order numbers please enclose a formal request for invoicing on your company's letterhead.

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Overseas delegates may pay by credit card (see above) or by Sterling draft drawn on a UK bank. NB The draft MUST accompany this form.

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By completing and submitting to us your booking request, you are confirming your agreement to these terms and conditions as set out at www.nuclearinst.com/Events-Terms-and-Conditions.

For the purposes of clarification, the contracting parties shall be N.I. Enterprises Ltd (as the provider of the dinner) and either you or your employing organisation (as the recipient of the services). Completed

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