

PROGRAMME AND REGISTRATION INFORMATION

14th BIAPWS POWER PLANT CHEMISTRY SYMPOSIUM

WEDNESDAY 28th AND THURSDAY 29th MARCH, 2012
VILLAGE HOTEL, CHILWELL, BEESTON, NOTTINGHAM, NG9 6DL
(Near junction 25 of the M1)

PROGRAMME

WEDNESDAY 28TH MARCH, 2012, 13:20 – 17:00

POWER PLANT CHEMISTRY FUNDAMENTALS

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| 12:00 | Registration and Lunch | |
| 13:20 | Welcome and introduction | Paul McCann, Chair, BIAPWS |
| | Session 1 : Cycle Chemistry | Chair: Richard Harries, Consultant |
| 13:30 | Fundamentals of power plant cycle chemistry | Geoff Bignold - Consultant |
| 14:15 | Application to power plant cycle chemistry | Mark Robson, RWE npower |
| 15:00 | Break | |
| | Session 2: Boiler Chemical Cleaning | Chair: Richard Harries, Consultant |
| 15:30 | Fundamentals of boiler chemical cleaning | Bill Lawson – Alstom Thermal Services |
| 16:15 | Experience of boiler chemical cleaning at Corby | Ray Clarke, Geoff Darlow - ESBI |
| 16:35 | Experience of boiler chemical cleaning at Staythorpe | Andrew Mosley – RWE npower |
| 17:00 | Close | |

BIAPWS is the National Committee for the UK and Ireland of the International Association for the Properties of Water and Steam (IAPWS) and is the industry representative body for power plant chemistry in the UK and Ireland. BIAPWS is a not for profit organisation.

THURSDAY 29TH MARCH, 2012, 09:30 – 17:00

PROGRESS IN ENVIRONMENTAL & CYCLE CHEMISTRY

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| 08:45 | Registration and Coffee | |
| 09:30 | Welcome and introduction | Paul McCann, Chair, BIAPWS |
| | Session 1 : Power Plant Chemistry and Corrosion | Chair: Malcolm Ball, Consultant |
| 09:35 | A Chemistry Survey of the Steam/Water Circuit of a Modern CCGT Power Station | Shauna Concannon, ESBI and John Greene, Consultant |
| 10:10 | Breakdown of Organic Amines in AGR Steam/Water Circuits | Andrew Bull, EDF Energy |
| 10:45 | Break | |
| 11:15 | Corrosion Protection in Modern Power Plants | Brian Coles, Lake Technical Specialities |
| 11:50 | Rapid Return of High-Accuracy Steam Properties for AGR Thermal-Hydraulic Analysis | BIAPWS Award Lecture David Docherty, Imperial College |
| 12:30 | Open Discussion Session | |
| 12:45 | Lunch | |
| | Session 2 : Environmental and Water Treatment Issues | Chair: Bill Lawson, Alstom Thermal Services |
| 13:45 | BIAPWS Presentations | Paul McCann, Chair, BIAPWS |
| 13:50 | Severn Power Condensate Polishing Plant | Joe Woolley, Watercare International |
| 14:25 | Ion Exchange Water Treatment Plant Troubleshooting | David Hayhurst and Brian Windsor, Purolite |
| 15:00 | Break | |
| 15:30 | Cooling Water Conditioning - The Use of Scale Inhibitors Across the French Fleet of Nuclear Power Plants | Philippa Lambert, EDF Energy |
| 16:05 | Carbon Capture and Storage - The Longannet Project | Tony Corless, Scottish Power |
| 16:40 | Open Discussion Session | |
| 16:55 | Closing Remarks | Paul McCann, Chair, BIAPWS |
| 17:00 | Close | |

BIAPWS POWER PLANT CHEMISTRY SYMPOSIUM AND WORKSHOP 2012 28th and 29th March, 2012

SYMPOSIUM REGISTRATION

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| Both Days: | Standard delegate fee | £210 |
| | Fee for delegate from a BIAPWS Sponsor's organisation | £160 |
| 28th March Only: | Standard delegate fee | £75 |
| | Fee for delegate from a BIAPWS Sponsor's organisation | £55 |
| 29th March Only: | Standard delegate fee | £150 |
| | Fee for delegate from a BIAPWS Sponsor's organisation | £110 |

Lunches and morning/afternoon refreshments are included. Unlike recent BIAPWS symposia, numbers attending the first afternoon will not be restricted to 30.

Registration is via the BIAPWS web site www.biapws.org, where a registration form can be completed and submitted electronically. Alternatively, the form can be submitted by e-mail to: biapws2012@plush-hill.co.uk or downloaded, printed and posted to: BIAPWS Symposium 2012, Plush Hill, All Stretton, Shropshire, SY6 6PJ. Please ensure valid contact details are provided.

Once your registration has been accepted payment instructions will be issued. Payment can be accepted by Credit/Debit Card, BACS or cheque. **Payment is due by 23rd March 2012.** BIAPWS reserves the right to refuse entry if payment arrangements have not been made prior to the event. If it is necessary to cancel a registration, no fee will be charged if cancellation has been accepted by 17th March 2012; cancellation will then be charged at 25% of the invoice value up until 23rd March 2012 after which time the full invoice value will be due.

EXHIBITION

At this year's symposium there will be a room dedicated for refreshments and a table top exhibition area. The exhibition area will be open on both days and exhibitors are welcomed from organisations who are BIAPWS Sponsors, for whom there will be no charge, and organisations who are not BIAPWS Sponsors, for whom there will be a charge of £250. Spaces for exhibitors are limited and will be allocated on a first-come-first-served basis; if your organisation is interested in being an exhibitor, please contact biapws2012@plush-hill.co.uk.

ACCOMMODATION

Accommodation reservations can be made at the symposium venue, the Village Hotel, Chilwell, Beeston, Nottingham. Accommodation booking and payment must be made directly with the hotel. A number of discounted rooms, at £75 per night, are available for BIAPWS Symposium participants and a booking code for these will be issued at the time of registration acknowledgement. Please bear in mind that the number of reserved rooms is limited and demand has exceeded supply in previous years, so early booking is recommended.

LOCATION

The Village Hotel (www.village-hotels.co.uk), is part of the De Vere Group. It is located about 10 minutes drive from Junction 25 of the M1, towards Nottingham (A52) and then via B6003 and A6005 to Chilwell. It is adjacent to the Attenborough Nature Reserve.