

PPCHEM

Power Cycle Instrumentation Seminar

November (8th), 9th and 10th, 2015 at the
Hilton Carlsbad Oceanfront Resort and Spa,
1 Ponto Road, Carlsbad, CA 92011

Topics:

- Chemical regimes and the respective monitoring requirements
- New VGB guideline for boiler feed water, boiler water and steam
- Sampling systems: engineering specifications and guidelines (VGB, IAPWS)
- Analytical methods and analysers: conductivity, degassed conductivity, sodium, silica, pH and dissolved oxygen
- Quality assurance techniques and maintenance planning

Professional Development for...

Station Chemists, Instrument Technicians, Maintenance Staff,
QA-Managers, Water Treatment Designers & Engineers,
Corporate Chemistry Staff, Plant Designers and C&I-Engineers

The fee includes an e-paper subscription to the PPCHEM Journal
of power plant chemistry from Nov./Dec. 2015 until Sept./Oct. 2016.



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Tentative Agenda

Monday, 9th November 2015

- *Chemical Regimes and Guidelines for Monitoring Parameters and Critical Values IAPWS, VGB, EPRI*
- *Sample Conditioning Guidelines VGB S-006*
- *Poor Instrumentation and Sampling – The Cost of Failures (Case Studies)*
- *Iron Monitoring with Non-Contact Nephelometry*
- *Monitoring of Organics in Water/Steam Cycles*
- *Corrosion Trend Indicator Hydrogen*
- *Instrument Session*

Tuesday, 10th November 2015

- *The Role of the Chemist in a Power Plant*
- *Commissioning and Start-up*
- *Sampling and Sampling Systems – Best Practice*
- *Quality Assurance and Maintenance*
- *Cooling Water Monitoring Requirements*
- *Cooling Water Sampling*
- *Disinfectant Monitoring*

Break-out Sessions Hands-on-Instruments
Instrument and expert technicians will show the latest technologies and discuss your specific issues concerning maintenance and quality assurance.

Speakers:

- **Michael Rziha**, Chemist
Chairman of the IAPWS Working Group Power Cycle Chemistry (PCC) and member of several VGB-Committees, Germany
- **David Addison**, Chemist BSc (Chem), MSc (Materials) Principal of Thermal Chemistry Ltd, New Zealand
- **Manuel Sigrist**, Mechanical Engineer MSc Group CSO and CEO SWAN Systems AG, Switzerland
- **Randy Turner**, Bachelor of Arts-Chemistry & Physics
Technical Director of SWAN Analytical USA Inc.
- **Shaun Sharrett**, Chemist BSc
Technical Support Manager of SWAN Analytical USA Inc.

Moderation:

Lukas Staub, C&I Engineer BSc
Group CSO,
SWAN Analytische Instrumente AG, Switzerland



Goals

- Understand the importance of on-line instrumentation.
- Know the pitfalls in the design of sampling systems.
- Learn what the latest guidelines recommend.
- Discuss analytical techniques with experts.
- Understand quality assurance problems and learn how to put together maintenance schedules.
- Meet your peers from other companies and countries.



Schedule

- Sunday, 8th Nov. Welcome Reception, Registration and Welcome Drinks
6:00 pm to 9:00 pm in the Pelican Terrace Conference Room
- Monday, 9th Nov. 9:00 am to 5:00 pm Instrumentation Seminar in the Shearwater Ballroom 1 & 2
6:00 pm Conference Dinner on the Pelican Watch Terrace
- Tuesday, 10th Nov. 9:00 am to 5:00 pm Instrumentation Seminar in the Shearwater Ballroom 1 & 2

The conference language is English.

No dress code.

Venue & Accommodation:

Hilton Carlsbad Oceanfront Resort and Spa, 1 Ponto Road, Carlsbad, California 92011

Standard room single occupancy	USD 189.00 net / per Person
Standard room double occupancy	USD 189.00 net / per Person
Ocean view with balcony single occupancy	USD 249.00 net / per Person
Ocean view with balcony double occupancy	USD 249.00 net / per Person

These prices are valid until 8th October 2015.

Airport Transfer: There are many options to reach the hotel. Please visit this link to find the best form of transportation: <http://oceanfrontcarlsbad.com/contact/map/>

For hotel reservations please go to: <http://oceanfrontcarlsbad.com>

Please state that you will be attending the Power Cycle Instrumentation Seminar; this will entitle you to the special prices.

Hilton Carlsbad Oceanfront Resort and Spa, 1 Ponto Road, Carlsbad, CA 92011

Tel: +1 760 602 0800 Fax: +1 760 602 0805



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Registration:

Register by October 8, 2015 on-line at www.ppchem.net or complete the attached form and email it to seminars@waesseri.com or fax it to +41 44 943 63 01.

Registration Fee: USD 350.00 payable at the conference desk (cash or credit card).

The fee covers the buffet lunch on Monday and Tuesday, morning coffee and afternoon tea as well as Monday's conference dinner.

Spouses' lunch and dinner checks are available at the conference desk.

The fee also includes an e-paper subscription to the PPCHEM Journal of power plant chemistry from November/December 2015 until September/October 2016.

Your questions for the panel discussion about power plant chemistry, WSC instrumentation and chemistry-related plant issues should be sent to seminars@waesseri.com one week prior to the seminar. See also www.ppchem.net.

Helpline: seminars@waesseri.com; publisher PPCHEM Journal

Surname: _____	First name: _____
Title: _____	Function: _____
Company: _____	Department: _____
Street: _____	City: _____
Postal code: _____	State/Country: _____
Phone: _____	Email: _____

Signature:

Date (DD/MM/YY):

For hotel reservations please go to: <http://www.oceanfrontcarlsbad.com/>

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