

Power Cycle Instrumentation Seminar

September 10th and 11th, 2015

Royal Park Hotel Co., Ltd., Chuo-Ku, Tokyo 103-8520

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
- Water/steam cycle monitoring requirements for combined cycle power plants.

Professional Development for... :

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



Sponsored by:

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ANALYTICAL INSTRUMENTS



Agenda

Thursday, September 10th, 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*

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.

Friday, September 11th, 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*

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
- **Morris Teo**, Electrical Engineer, Graduate Dipl.
Regional Sales Manager, Swan Instruments, Singapore

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 designs 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.

The conference language is English.

No dress code.



Venue:

Royal Park Hotel Co., Ltd., 2-1-1, Nihonbashi, Kakigara-Cho, Chuo-Ku, Tokyo 103-8520. Link: <http://www.rph.co.jp/english/>



Accommodation:

Please be informed that you are not obliged to stay in the hotel where the seminar is taking place. The following two hotels are close to the seminar hotel:

Hotel Villa Fontaine - Nihombashi Hakozaki

Link: <https://www.hvf.jp/eng/hakozaki.php>

Address:

Hotel Villa Fontaine NIHOMBASHI HAKOZAKI,
20-10 Hakozaki-cho Nihombashi Chuo-ku, Tokyo 103-0015,
Tel: 03-3667-3330, Fax: 03-3667-3700



APA Hotel <Nihonbashi-Hamachoeki - Minami>

Link: http://www.apahotel.com.e.ju.hp.transer.com/language/shutoken/12_nihonbashi-hamachoeki-minami/

Address:

APA Hotel <Nihonbashi-Hamachoeki - Minami>, 3-43-8,
Nihonbashi Hama-cho, Cyuo-Ku, Tokyo 103-0007,
Tel: 03-3664-0111, Fax: 03-3664-0112



For hotel reservations and transportation information please go to:

Link: <http://www.rph.co.jp/english/> Email: front@rph.co.jp

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Registration fee:

Registration Fee JPY 50,000 (can be paid in cash on site)

The registration fee includes buffet lunch, dinner as well as morning coffee and afternoon tea.

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

Deadline:

August 14th, 2015

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

Signature:

Date (DD/MM/YY):

For more information, please contact:
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