

SWAN / PPCHEM

Power Cycle Instrumentation Seminar

March 27th to 28th 2012 at the
swissôtel LE CONCORDE, Bangkok, Kingdom of Thailand

Topics:

- Chemical regimes and the respective monitoring requirements
- New VGB Guideline for boiler feedwater, boiler water, and steam
- Sampling systems: Engineering specifications and guidelines (VGB, IAPWS)
- Analytical methods and analyzers: Conductivity, degassed conductivity, sodium, silica, pH, 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, C&I-Engineers

Free e-paper subscription for the PPCHEM Journal of Power
Plant Chemistry



swan
ANALYTICAL INSTRUMENTS



Preliminary Agenda

Tuesday March 27:

- 09:00 *Chemical regimes and Guidelines for monitoring parameters and critical values EPRI, IAPWS, VGB*
Michael Rziha
- 09:45 *Sampling and Sampling Systems*
Manuel Sigrist
- 10:30 *Sample Conditioning and Guidelines*
Manuel Sigrist
- 11:00 *Commissioning and Start-up*
Michael Rziha
- 11:30 *The Cost of Failures (Case Studies)*
David Addison
- 13:00 *Conductivity, Direct and Acid*
Manuel Sigrist
- 13:30 *Degassed Conductivity*
Eric Chan
- 14:00 *Dissolved Oxygen*
Morris Teo
- 14:30 *pH*
Eric Chan
- 15:30 *ORP, Hydrazine, Hydrogen*
Lukas Staub
- 16:00 *Sodium*
Eric Chan
- 16:30 *Silica and Phosphate*
Morris Teo

Wednesday March 28:

- 09:00 *Cooling Water Monitoring Requirements*
David Addison
- 09:30 *Cooling Water Sampling*
Manuel Sigrist
- 10:00 *Disinfectant Monitoring*
Morris Teo
- 10:45 *Turbidity*
Morris Teo
- 11:00 *TOC, Organics*
Eric Chan
- 11:45 *Quality Assurance and Maintenance*
Manuel Sigrist
- 13:00 *Break-out Sessions Hands-on-Instruments*
Instruments 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
Head of Swan Systems AG, Switzerland*

*Eric Chan, Chemist MSc
Application Engineer, Swan Instruments, Malaysia/Switzerland*

*Lukas Staub, C&I Engineer BSc
Sales Director of Swan Instruments, Switzerland*

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

*Ruedi Germann,
Director of Swan Analytical Instruments AG*

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

Monday, March 26

*Welcome Reception and Registration
6.00 pm to 8.00 pm at the Swissôtel Le Concorde, Bangkok*

Tuesday, March 27

*9.00 am to 5.00 pm Instrumentation Seminar
6:00 pm Conference Dinner and Chaophraya River Cruise*

Wednesday, March 28

*9.00 am to 12.00 am Instrumentation Seminar
1:00 pm to 4.30 pm Hands-on training with Experts
5 pm Close of Meeting*

*The conference language is English. Translation help is available in Thai, Malay and Chinese.
No dress code.*

Venue & Accommodation:

*Swissôtel Le Concorde, Bangkok, is located on Ratchadapisek Road, Bangkok's new thriving business and entertainment district. Travel times Bangkok Intl Airport - 60km, 30min by taxi
MRT (Huay Kwang) - 10metres, 2min walk*

Standard Room + Breakfast single occupancy US\$ 100.00, double occupancy US\$ 110.00

For Hotel reservations go to:

<http://www.swissotel.com/EN/Destinations/Thailand/Swissotel+Le+Concorde/Hotel+Home/Hotel+Home.htm>
Reservations.bangkok@swissotel.com



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Registration:

Register on line at www.swan.ch or complete the attached form and email to communications@swan.ch or fax to +41449436301.

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

The fee covers buffet lunch on Tuesday and Wednesday, morning coffee, afternoon tea and Tuesday night river cruise dinner. Spouses' lunch and dinner checks are available at the conference desk.

The fee includes an e-paper subscription for the *PPCHEM Journal of Power Plant Chemistry* from March to the end of the year 2012.

See also www.ppchem.net

Help-line: communications@swan.ch or morris.teo@swan.ch. Phone +65 93680011

Surname: _____	First name: _____
Title: _____	Function: _____
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Postal code: _____	Country: _____
Phone: _____	Email: _____

Signature: _____

Date (DD/MM/YY): _____

For Hotel reservations go to:

<http://www.swissotel.com/EN/Destinations/Thailand/Swissotel+Le+Concorde/Hotel+Home/Hotel+Home.htm>
Reservations.bangkok@swissotel.com

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