

SWAN / PPCHEM Power Cycle Instrumentation Seminar

*April (21st), 22nd & 23rd 2013 at the
Dusit Thani Dubai, Dubai, United Arab Emirates*

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, 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*

*The fee includes an e-paper subscription for the PPCHEM Journal of
Power Plant Chemistry from June 2013 until June 2014*

PPCHEM
POWERPLANT CHEMISTRY

The Journal of All Power Plant Chemistry Areas

swan

ANALYTICAL INSTRUMENTS



Preliminary Agenda

Monday April 22:

- 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)*
Marc de Wispelaere
- 13:00 *Conductivity, Direct and Acid*
Manuel Sigrist
- 13:30 *Degassed Conductivity*
Philippe Trösch
- 14:00 *Dissolved Oxygen*
Mohammed Anwar Ansari
- 14:30 *pH*
Philippe Trösch
- 15:30 *ORP, Hydrazine, Hydrogen*
Mohammed Anwar Ansari
- 16:00 *Sodium*
Philippe Trösch
- 16:30 *Silica and Phosphate*
Mohammed Anwar Ansari

Tuesday April 23:

- 09:00 *Cooling Water Monitoring Requirements*
Michael Rziha
- 09:30 *Cooling Water Sampling*
Manuel Sigrist
- 10:00 *Disinfectant Monitoring*
Mohammed Anwar Ansari
- 10:45 *Turbidity*
Mohammed Anwar Ansari
- 11:00 *TOC, Organics*
Philippe Trösch
- 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

Marc de Wispelaere, Chemistry Engineer

Senior Expert Water Steam Cycle Chemistry, Laborelec, GDF SUEZ, Bahrain

Manuel Sigrist, Mechanical Engineer MSc

Head of Swan Systems AG, Switzerland

Philippe Trösch, Industry Application Manager

Application Engineer, Swan Instruments, Switzerland

Mohammed Anwar Ansari, Technical Support Engineer-Middle East Operations

Swan Analytical Middle East FZE, Dubai

Moderation:

Lukas Staub, C&I Engineer BSc

Sales Director of Swan Analytical Instruments, 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, April 21

Welcome Reception and Registration
6.00 pm to 9.00 pm at the Dusit Thani Dubai, Dubai

Monday, April 22

9.00 am to 5.00 pm Instrumentation Seminar
6:00 pm Conference Dinner

Tuesday, April 23

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. No dress code.

Venue & Accommodation:

Dusit Thani Dubai, 133 Sheikh Zayed Road, PO Box 23335, Dubai, United Arab Emirates

Airport Transfer: The airport representative will be waiting to meet you outside of the baggage claim area. Please ensure that your full flight details are provided when making your reservation. Cancellation of the limousine transfer must be received by the hotel at least 4 hours prior to flight arrival. AED 250.00 (USD\$ 69.00).

Dubai Metro: The Dubai Metro links Dubai International Airport to Dusit Thani via The Financial Center station, which is only a five-minute walk to the hotel.

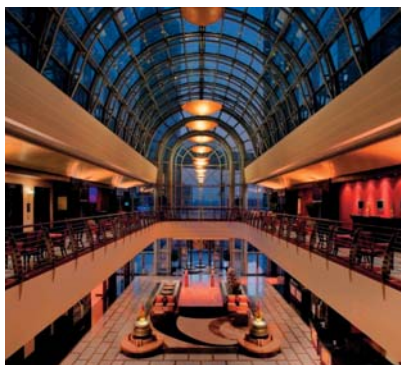
Club Room & Breakfast	single	AED 900.00	(USD 246.00)
	double	AED 950.00	(USD 259.00)
Deluxe Single Room & Breakfast	single	AED 650.00	(USD 177.00)
	double	AED 700.00	(USD 191.00)

For Hotel reservations go to:

<http://www.dusit.com/>

Dusit Thani Dubai, 133 Sheikh Zayed Road, PO Box 23335, Dubai, United Arab Emirates

Tel: +971 4 343 3333 / Fax: +971 4 343 4222



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Registration:

Register by the 25.03.2013 on-line at www.ppchem.net or complete the attached form and email to communications@swan.ch or fax to +41 44 943 63 31.

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

The fee covers buffet lunch on Monday and Tuesday, morning coffee, afternoon tea and Monday 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 June 2013 until June 2014.

See also www.ppchem.net

Helpline: communications@swan.ch or satish.vadlamani@swananalyticalme.com

Phone +971 (0) 561 70 7047

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

Signature: _____

Date (DD/MM/YY): _____

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