PPCHEM SEMINAR

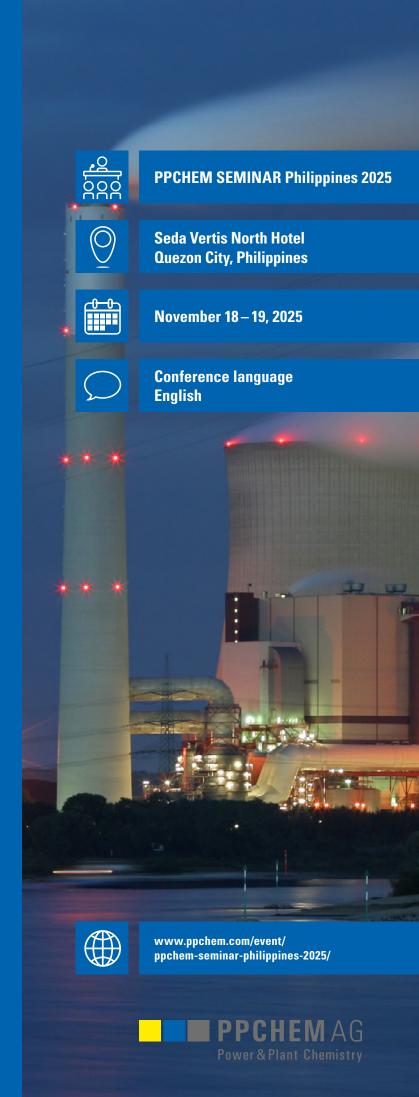
Monitoring and Avoidance of Chemical Issues in Water-Steam Cycles

- Regardless of the size or the type of power plant, or whether it is an industrial power plant or a pure power generation plant, the chemistry in the water-steam cycle plays an important role.
- Correct and precise control of the chemistry in the various process cycles and systems is therefore of crucial importance.
- Contamination and deviations from the recommended chemical operating values must be detected and addressed without delay.
- How important is the chemistry in the water-steam cycle of any power plant (power generation, process steam supply, industrial power plant, etc.)? Is this just a minor issue, or can it have expensive and critical consequences?
- Which parameters should be measured and where and how and why?
- How do I use the chemical data to operate "my" plant safely and economically?
- What can happen if chemical parameters become out of specification, and what is the best way to respond?
- How can damage be prevented with good instrumentation?











Agenda

Tuesday, November 18, 2025

09:30 Welcome and Introduction of the Speakers

09:40 *Michael Rziha, PPCHEM AG*Case Studies on Damage and Impairment
Caused by Chemistry and the Associated
Economic Effects

11:00 Coffee and Tea

11:30 Michael Rziha, PPCHEM AG
Typical and Frequent Chemical Issues in
Cycling Plants

12:30 Q&A

12:45 Lunch

13:45 *Michael Rziha, PPCHEM AG*Selection of the Chemical Operating Regime and its Optimization

15:00 Coffee and Tea

15:30 Zoltan Farkas, Swan Systeme AG
VGB-Standard VGB S-006 (Sampling and Sample Conditioning / SWAS) and Best Practices
for Sample Conditioning and Sampling Systems

16:15 *Michael Rziha, PPCHEM AG*Case Study – Extreme Steam Turbine Damage of a 700 MW ST

17:00 *Michael Rziha, PPCHEM AG*Evaluation of Operating Data (Data Management)

17:45 Q&A

19:00 Dinner

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Wednesday, November 19, 2025

09:00 *Michael Rziha, PPCHEM AG*Chemical Issues and Requirements in Plants with Steam Extraction and Process Steam

Condensate Return

09:30 Zoltan Farkas, Swan Systeme AG
Geothermal SWAS – Considerations
on Design and Safe Operation

10:30 Coffee and Tea

11:00 Kar Leong Ong, Swan Analytical Singapore Pte Ltd
The Advantages of Degassed Conductivity and
AMI CACE in Cycling Plants

11:30 Michael Rziha, PPCHEM AG
Dissolved Hydrogen as a Sensitive Indicator of
Active Corrosion and for the Optimization of the
Applied Chemical Operation

12:00 Morris Teo, Swan Analytical Singapore Pte Ltd
Turbidity Measurement – The Perfect Tool to
Follow Total-Iron in Cycling Plants

12:45 Lunch

14:00 *Michael Rziha, PPCHEM AG*Issues with TOC in Water-Steam Cycles

14:45 Michael Rziha, PPCHEM AG
Plant Preservation in Cycling Plants –
A Challenging but Important Task

15:30 Concluding Discussion/Q&A



Swan Analytical Instruments Studbachstrasse 13, 8340 Hinwil Switzerland www.swaninstruments.ch







Venue

The seminar will take place at the Seda Vertis North Hotel, Quezon City, Philippines.

Seda Vertis North Hotel

Sola corner Lux Drives Vertis North, Quezon City 1105 Philippines

https://www.sedahotels.com

A hotel room is **not** included in the participation fee; participants are responsible for booking their own accommodations.



Registration

- Early Bird Registration Fee Peso 7000 (Registrations made before October 4, 2025)
- Regular Registration Fee

Peso 8000

Included in the registration fee are:

- all presentations as a digital file (pdf)
- further literature in digital form (pdf)
- a free E-Paper subscription to the PPCHEM® journal for a year
- certificate of participation
- two lunch buffets, one dinner, and coffee breaks between sessions

VAT is not included in these prices. All payments must be made before November 14, 2025.

The registration fee does not include a hotel room.

The general terms and conditions of PPCHEM AG apply.

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Sign-up

Given Name:	Family Name:	
Company:	Department:	
Address:	City:	
Postal Code:	Country:	
Phone:	E-mail:	

To **register**, please send an e-mail with the completed form to the registration office.

| | Registration Office

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For questions regarding **sponsorship**, please contact the conference office.



Conference Office

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For more information about the event, please visit: www.ppchem.com/event/ppchem-seminar-philippines-2025/







