

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?



Supported by



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PPCHEM SEMINAR Brazil 2025



Hotel Meliá Ibirapuera
São Paulo, Brazil



October 14 – 15, 2025



Conference languages
Portuguese / English



<https://ppchem.com/event/ppchem-seminar-brazil-2025/>

PPCHEM AG
Power & Plant Chemistry

 **Agenda**
Tuesday, October 14, 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** *Oscar Kimura, Swan Analytical Instruments*
VGB-Standard VGB S-006 (Sampling and Sample Conditioning / SWAS) and Best Practices for Sample Conditioning and Sampling Systems
- 15:00** Coffee and Tea
- 15:30** Case Study 1
- 16:15** Case Study 2
- 17:00** *Michael Rziha, PPCHEM AG*
Evaluation of Operating Data (Data Management)
- 17:45** Q&A
- 19:00** Dinner

 **Responsible for the Seminar Program**

Michael Rziha, PPCHEM AG

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ANALYTICAL INSTRUMENTS

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

Wednesday, October 15, 2025

- 09:00** *Michael Rziha, PPCHEM AG*
Chemical Issues and Requirements in Plants with Steam Extraction and Process Steam Condensate Return
- 09:30** *Oscar Kimura, Swan Analytical Instruments*
Condensate Monitoring in Process Steam and Power Plant Applications
- 10:30** Coffee and Tea
- 11:00** *Oscar Kimura, Swan Analytical Instruments*
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** *Michael Rziha, PPCHEM AG*
Turbidity Measurement – The Perfect Tool to Follow Total-Iron in Cycling Plants
- 12:45** Lunch
- 14:00** Chemical Cleaning
- 14:45** *Michael Rziha, PPCHEM AG*
Plant Preservation in Cycling Plants – A Challenging but Important Task
- 15:30** Concluding Discussion / Q&A


ENGENHARIA

RED Engenharia
Unidade Camaçari, BA
Unidade Itatiba, SP
www.redengenharia.com.br



 **Venue**

The seminar will take place at the Hotel Meliá Ibirapuera, São Paulo, Brazil.

Hotel Meliá Ibirapuera

Avenida Ibirapuera, 2534 – Moema
04028-002 São Paulo

<https://events.melia.com/en/events/melia-ibirapuera/EVENTO-Swan-x-ppchem>

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

 **Registration**

- **Early Bird** Registration fee **800 BRL**
(Registrations made before August 30, 2025)
- **Regular** Registration fee **950 BRL**

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
- two lunch buffets, one dinner, and coffee breaks between sessions

VAT is not included in these prices. All payments must be made before October 10, 2025.

The registration fee does **not** include a hotel room.

The [general terms and conditions](#) of PPCHEM AG apply.

 **Sign-up**

Given Name: _____

Company: _____

Address: _____

Postal Code: _____

Phone: _____

Family Name: _____

Department: _____

City: _____

Country: _____

E-mail: _____

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

 **Registration Office**

Paloma Melo, Swan do Brasil

Phone: +55 11 4509 5990

E-mail: paloma.melo@swandobrasil.com.br

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-brazil-2025/

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