

PPCHEM SEMINAR

Monitoring and Avoidance of Chemical Issues in Water-Steam Cycles

- Regardless of the size of the plant, the type of construction, 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?

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PPCHEM SEMINAR Brazil 2025



Hotel Meliá Ibirapuera
Sao Paulo, Brazil



October 14 – 15, 2025



Conference languages
Portuguese / English



www.ppchem.com/eventcalendar/

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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

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

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

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 **Venue**

The PPCHEM SEMINAR 2025 will take place at the Hotel Meliá Ibirapuera, Sao Paulo, Brazil.

Hotel Meliá Ibirapuera

Avenida Ibirapuera, 2534 – Moema
04028-002 Sao 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.**

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 **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.

For more information about the event and for questions about **registering** for the seminar, please contact the registration office.

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

Registration Office

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