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 2025

Brazil

🕑 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

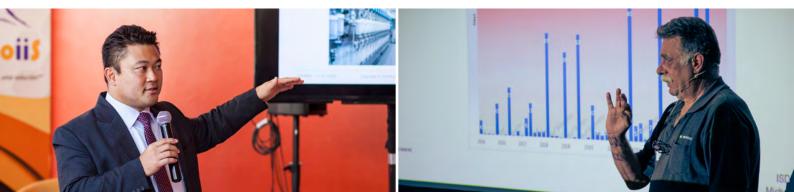




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PPCHEM SEMINAR 2025

🛛 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 (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.



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

To **register**, please send an e-mail with your contact details to the registration office. For questions regarding **sponsorship**, please contact the conference office.

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