# 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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https://ppchem.com/event/ ppchem-seminar-brazil-2025/



### **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

### $[\bigcirc \blacksquare]$ Responsible for the Seminar Program

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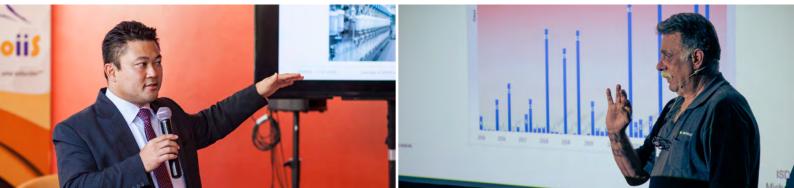




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#### Wednesday, October 15, 2025

- **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

### **PPCHEM SEMINAR 2025**

🕑 Venue	<b>Registration</b>
The seminar will take place at the Hotel Meliá Ibirapuera, São Paulo, Brazil.	<ul> <li>Early Bird Registration fee 800 BRL (Registrations made before August 30, 2025)</li> </ul>
<b>Hotel Meliá Ibirapuera</b> Avenida Ibirapuera, 2534 – Moema 04028-002 São Paulo	<ul> <li>Regular Registration fee</li> <li>950 BRL</li> <li>Included in the registration fee are:</li> </ul>
https://events.melia.com/en/events/	<ul> <li>all presentations as a digital file (pdf)</li> </ul>
melia-ibirapuera/EVENTO-Swan-x-ppchem	further literature in digital form (pdf)
The hotel room is <b>not</b> included in the participation fee; <b>participants are responsible for booking their own accommodations</b> .	a free E-Paper subscription to the PPCHEM <sup>®</sup> 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 <b>not</b> include a hotel room.
Sign-up	The general terms and conditions of PPCHEM AG apply.
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**

Paloma Melo, Swan do Brasil Phone: +55 11 4509 5990

E-mail: <a href="mailto:paloma.melo@swandobrasil.com.br">paloma.melo@swandobrasil.com.br</a>

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



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For more information about the event, please visit: <a href="http://www.ppchem.com/event/ppchem-seminar-brazil-2025/">www.ppchem.com/event/ppchem-seminar-brazil-2025/</a>



