

## PowerPlant Chemistry® Interview

Tapio Werder

On January 1st, 2019, the publishing house Waesseri GmbH was transformed into the new company PPCHEM AG. To introduce this change to our readers, Tapio Werder, Editor in Chief of the PowerPlant Chemistry® journal, talks to Michael Rziha, Chief Key Expert for Plant Chemistry at PPCHEM AG.

### INTERVIEW

**Tapio Werder:** *Michael, for several weeks now you have been working with me at PPCHEM AG. Could you explain to our readers how your new position within the publishing house will impact your role as a member of the International Advisory Board (IAB) of the PowerPlant Chemistry® journal?*



**Michael Rziha:** First of all, I would like to thank you for the opportunity to introduce the new company to your readers in more detail. I think that we need to make a few points clear from the beginning of our joint activities to avoid confusion and misunderstandings among the worldwide readership of the PowerPlant Chemistry® Journal.

There will be a clear distinction between the three business areas of PPCHEM AG:

1. publishing of the PowerPlant Chemistry® journal will remain the responsibility of you, the editor in chief;
2. organizing of the conferences and seminars will be a joint endeavor of the editorial team of the journal and myself;
3. the consulting and training services will be part of my responsibilities and will be my main business activity as chief key expert for plant chemistry.

I will continue to serve the journal as a member of the IAB and will continue to review any paper submissions you send to me if you consider me to be the appropriate expert. Like all of the members of the IAB, my reviews are based on the current state of the art and latest guidelines, such as IAPWS, VGB, or other applicable standards, and of course on my plant operational experience. If there is a possible conflict of interest because of the topic or the authorship of the submission, I don't review an article at all and other members of the IAB take over. Only through this well-established review process can the high quality of the articles published in the journal be maintained.

Therefore, the journal will remain completely unchanged in this matter.

*Waesseri GmbH has been involved with the organization or has been the main organizer of seminars and conferences in the past like the Power Cycle Instrumentation Seminars (PCIS) or the PowerPlant Chemistry Forums (PPCFs). What are your plans in regard to these events?*

In the past seven years, Waesseri GmbH has organized more than 20 Power Cycle Instrumentation Seminars (PCISs) and 8 PowerPlant Chemistry Forums (PPCFs) and I have been regularly involved as a speaker or steering committee member in many of these past events. These series will be continued by PPCHEM AG in the future – in the events calendar of this issue the readers can find more information on these events.

We will also increase our involvement in all kinds of conferences, international meetings, etc., related to power plant chemistry. This could be, for instance, future collaborations with selected organizations, such as IAPWS, or any other organization worldwide involved in power plant chemistry related matters.

*Besides the events you have mentioned above, what new kinds of events will PPCHEM AG plan in the future?*

We will organize various seminars around the world on all major topics of power plant chemistry, such as:

- Guidelines such as IAPWS, VGB, and other applicable standards
- Plant and boiler/HRSG design (also materials)
- Feedwater, boiler, and steam chemistry
- Flow-accelerated corrosion
- Chemical cleaning
- Sampling and monitoring including data evaluation and data management
- Water treatment plants and condensate polishing plants
- Cooling water treatment
- Lay-up and storage
- Commissioning
- Air inleakage
- Chemical dosing systems

But we will also offer individual and customized in-house chemistry training, meaning we will come to the individual company/organization and will conduct a tailor-made training for all types of staff (including for non-chemistry experts, managers, plant operators, etc.) and thus for any level of required knowledge.

Besides that, we are planning to organize regular seminars and training courses in Switzerland. With this, let me call it a "triple pillar concept," I believe we can serve the different needs and possibilities of all interested organizations and people around the world.

*PPCHEM AG will also be offering technical consulting services related to water treatment and cycle chemistry in power and industrial plants of all types and sizes. Could you explain in more detail what your activities will include?*

What I have mentioned above about the publishing principles of a journal is of course also valid for the consulting business: it is and always will be my highest principle to be absolutely neutral and independent. All consultancy will be based on the current state of the art and latest guidelines, such as IAPWS, VGB, or other applicable standards,

and of course on the plant operational experience I have gained during the last decades with various plant types, designs, and sizes worldwide.

I will provide consultancy for all different phases of a power plant project, such as :

- Early design/assistance for detailed system specifications, and design review of existing specs and P&IDs
- Support for chemical cleaning during the planning and execution phases
- Commissioning/chemical assistance during initial start-up
- Operation
- Cycle chemistry review/opportunities for optimization
- Review of chemical operating regime and practices
- Evaluation of risks
- Review of sampling and monitoring, as well as assistance for refurbishment and/or optimization
- Troubleshooting and RCA
- Long-term support and assistance

If your readers would like to know more about my activities, I invite them to visit the website [www.ppchem.com](http://www.ppchem.com). And of course, I'm available for any questions by email.

*Michael, I thank you for your time and responses to my questions. I believe these explanations show quite clearly that the PowerPlant Chemistry® journal will remain an independent and valuable source of power plant chemistry related information.*

*I'm sure that we will receive comments on this interview from our readers. They will all be passed on to you. Thanks again, Michael.*