



Recommendation

Participation in the IAPWS Annual Meeting in Kyoto, Japan

The SIAPWS Executive Committee hereby recommends ordinary members of SIAPWS to participate in the annual meeting of IAPWS, the International Association for the Properties of Water and Steam, from August 27th to September 1st in Kyoto, Japan. Following the trend of the last few years, around 90 participants from nearly 20 countries will take part in the upcoming meeting.

The purpose of the annual IAPWS meetings is to connect academia and industry to provide actual problems and research needs to researchers and to update engineers on research results and the application thereof in practice. IAPWS maintains and develops the mathematical formulations for the thermophysical properties of water and steam, among those the subset known as the Steam Table that every power plant rely on.

IAPWS consists of several interrelated working groups of which the two on Physical Chemistry of Aqueous Solutions (PCAS) and Power Cycle Chemistry (PCC) are most relevant for SIAPWS members. During the last decade, PCC has developed an international set of standards covering many aspects of modern power plant operation, and the development of these Technical Guidance Documents (TGDs) continues. Compared to other standardisation organisations, it is amazing that such a comprehensive set of standards has been produced within a relatively short time range. This demonstrates that the PCC covers most aspects of water-steam chemistry and water treatment at a high technical level.

In the coming period TGDs covering sampling and analysis of corrosion products (revision of the first version), integrity of make-up water plants, and detection of air in-leakages in the condensate are underway.

Along with the work on the TGDs, a workshop takes place where many participants present their current work and practical problems for exchange of experiences and discussion.

The work takes place in a relaxed and friendly atmosphere, and this gives the best opportunities to integrate in the PCC group and thus to include people with highest level of knowledge in one's network.

Thus, for Scandinavian chemists participation in the IAPWS meetings and the PCC working group will be rewarding in order to pick up high-level knowledge and to contribute with Scandinavian experiences, e.g. on re-use of the flue gas condensate where Scandinavia is at the very front of the development.

On behalf of the Executive Committee, SIAPWS

Karsten Thomsen
Chair

