



Annual Meeting 2025
Helsinki, Finland
Sunday June 22 - Friday June 27
2025



The IAPWS 2025 Symposium Preliminary Program Overview

Updated 04.04.2025.

1.0		Symposium opening	Speaker
08:30 – 08:35	1.1	Introductory remarks	Monika Nielsen, IAPWS President
08:35 – 09:20	1.2	Helmholtz Lecture	
09:20 – 09:30	1.3	Welcome to IAPWS and the NORDIC IAPWS Symposium	Arja Lehikoinen, Nordic IAPWS Chair
2.0		Flue gas condensate water treatment	
09:30 – 10:00	2.1	Environmental permits in the Nordics	Helen Dömstedt, Adven
10:00 – 10:30		COFFEE BREAK (30 minutes)	
10:30 – 10:50	2.2	Flue Gas Condensation and the technology behind it	Laura Kuukkanen, Valmet
10:50 – 11:10	2.3	Experience with flue gas condensate water treatment	Sara Sjögren, Vattenfall Linda Wiig
3.0		Electrical boilers	
11:10 – 11:30	3.1	Experience with electrical boilers in Finland	Jani Vuorinen, Teollisuuden Vesi
11:30 – 11:50	3.2	Physical Chemistry of Aqueous Systems (PCAS) Working Group and research on Film Forming Amines	Ken Yoshida, Tokushima University
11:50 – 12:00	3.3	Sponsor presentations (2 min each)	
12:00 – 13:00		LUNCH (1 hour)	
4.0		Industrial boilers and issues with water chemistry	
13:00 – 13:20	4.1	Consequences with contaminated condensate return – Organics, Copper, low pH etc.	Michael Rziha, PPChem
13:20 – 13:40	4.2	Building a new once through boiler that are fit for purpose	Pål Kloster, Techouse
13:40 – 14:00	4.3	Thermophysical Properties of Water and Steam (TPWS) Working Group	Jan Hrubý, Institute of Thermomechanics, Acad. Sci.
14:00 – 14:10	4.4	Sponsor presentations (2 min each)	
14:10 – 14:40		COFFEE BREAK (30 minutes)	
5.0		Future technologies of interest of IAPWS	
14:40 – 15:00	5.1	Water – The Feedstock for Electrolysis	Anders Wik, Vattenfall
15:00 – 15:20	5.2	Tampere Power-to-Gas Plant	Antti Pasanen, Nordic Ren-Gas
15:20 – 15:40	5.3	Small Nuclear Modular Reactors (SNMR)	Konsta Sipilä, VTT
15:40 – 16:00	5.4	Water vapor enhancement factor (gas mixture non-idealities)	Dr Shahin Tabandeh, MIKES
6.0		Closing of the IAPWS Symposium 2025	
16:00 – 16:05	6.1	Closing remarks	Nordic IAPWS
1700 – 2130		<p>Conference Dinner: Join your colleagues for dinner in the <i>Banquet Hall of Tenaille von Fersen, on Suomenlinna, a World Heritage Site with a Sea Fortress.</i> Guests will travel by ferry. Ferry will depart Hanaholmen at 1730 hours for Soumenlinna and at the end of the night Ferry will depart at 2200 hours for Hanaholmen.</p>	