

**IAPWS Physical Chemistry of Aqueous Solutions (PCAS) Working Group
Draft Agenda
Stockholm, Sweden, 28th June – 3rd July 2015**

(PCAS-specific items are highlighted in blue)

Sunday 28 June	7:00 pm	Informal get-together and registration
Monday 29 June	8:30am	Opening Plenary Session - Executive Committee
	10:00am	PCAS Meeting
		(1) Adoption of agenda (2) Appointment of clerk of minutes (3) Approval of minutes from the 2014 meeting (4) Progress reports on PCAS-related activities (by all group members) (5) Possibility of ICRNs (6) International collaboration (7) Discussion of future activities of PCAS (8) Discussion of the possibility of releases and guidelines
	12:00	Lunch
	1:30pm	PCAS Meeting - continued
Tuesday 30 June	8:30am	PCAS Workshop (other WG Members will be welcome)
		(9) Recent research trends in the conversion of carbohydrate biomass into value-added compounds in aqueous solutions (K. Yoshida) (10) Progress report on amine guidelines project (J. Bellows) (11) Thermodynamic Modeling of Aqueous Systems Containing Amines and Amine Hydrochlorides (A. Anderko)
	12:00	Lunch
	1:30pm	PCC/PCAS Joint WG Meeting and Workshop
		(12) Unstable phenomena induced by cavitating flow around hydrofoil (F. Marsik, M. Sedlar and P. Zima) (13) The controlling mechanism in FAC – protective oxide dissolution or fluid flow? (D.H. Lister, K. Mohajery and S. Uchida) (14) Efficient and clean thermal power plants for the future (R. Blum) (15) Operative estimation of cycle chemistry at thermal power plants using statistical algorithms (O. Yegoshina) (16) Surface characteristics of magnetite particles under conditions of power plant water cycles: Update (S. Vodojkovic)

Wednesday 1 July	9:00am 3:00pm	IAPWS Symposium Technical visit: Biomass - fired CHP plant near Stockholm
Thursday 2 July	8:30am	TPWS/PCAS Joint WG Meeting (17) Report of Task Group on Transport Properties of Seawater, joint with SC SW and WG IRS (A. Anderko, A. Harvey) (18) Report of Evaluation Task Group for Seawater Thermal Conductivity (R. Pawlowicz) (19) Formal consideration of Guideline on Thermal Conductivity of Seawater (20) Progress toward improved ideal-gas properties of ordinary and heavy water (J. Hrubý) (21) Development of first-principles data to extend knowledge of the second virial coefficient of ordinary and heavy water (A. Harvey) (22) Modeling thermodynamic properties of mixtures of natural substances used as working fluids for heat pumps and organic Rankine cycle (H. Miyamoto)
	12:00	Lunch
	1:30pm	PCAS Meeting (23) PCAS membership (24) Planning activities for 2015/2016 (25) Preparation of report for Executive Meeting
	6:00 pm	IAPWS Dinner/Banquet at Wasa Museum
Friday 3 July	8:30am 1:00pm	Executive Committee Meeting Adjournment