

**IAPWS Physical Chemistry of Aqueous Systems (PCAS) Working Group
Draft Agenda
Banff, Alberta, Canada, September 29 – October 4, 2019**

Sunday 29 Sept.	7:00 pm	Welcome Reception and Registration
Monday 30 Sept.	9:00 am	Executive Committee - Opening Plenary Session
	10:15 am	Break
	10:30 am	PCAS Separate Meeting
		(1) Adoption of agenda
		(2) Appointment of clerk of minutes
		(3) Approval of minutes from the 2018 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
	1:30 pm	PCAS Separate Meeting – continued
		(9) Modeling aqueous solution chemistry for water treatment applications (A. Anderko)
Tuesday 1 Oct.	9:00 am	PCAS/IRS Joint WG Meeting
		(10) Report of the Task Groups “Categories of industrial requirements”, “Wet steam Data from Operating Turbines” and “ICRN for acid gas dew points”. (N. Okita)
	10:30 am	PCAS Separate Meeting – continued
	12:00	Lunch
	1:30 pm	PCC/PCAS Joint WG Meeting
		(11) Discussion and presentation about film-forming substances (Speaker to be confirmed)
	3:30 pm	PCAS Separate Meeting – continued

Wednesday 2 Oct.	9:00 am	IAPWS Symposium
Thursday 3 Oct.	9:00 am	TPWS/PCAS/IRS Joint WG Meeting
		(12) Report and consideration of minor revision of Release on the Ionization Constant of H ₂ O (A. Harvey)
		(13) Report on progress toward IAPWS Guideline on diffusivity of ordinary water (K. Yoshida , F. Caupin, A. Harvey, R. Hellmann, M. Huber)
		(14) Cross second virial coefficients for industrially and scientifically important mixtures of water vapor and simple gases from ab initio intermolecular potentials (R. Hellmann, K. Meier)
		(15) Nucleation in water vapor: Classical nucleation theory and molecular simulation (T. Němec) [joint with IRS]
	12:00	Lunch
	1:30 pm	PCAS Separate Meeting
		(16) PCAS membership
		(17) Planning activities for 2019/2020
		(18) Preparation of report for Executive Meeting
	6:30 pm	IAPWS Dinner/Banquet at Brewster's Mount View Barbecue
Friday 4 Oct.	9:00 am	Executive Committee Meeting
	1:00 pm	Adjournment

August 4, 2019
K. Yoshida (Chair)