
IAPWS POWER CYCLE CHEMISTRY (PCC) WORKING GROUP (WG) PROGRAM FOR IAPWS 2026 – BRISTOL, UK,

SUNDAY 28 JUNE

Afternoon	Informal opportunity for IAPWS PCC Task Groups to meet in person to discuss week ahead
6:00 – 8:00 pm	Welcome Reception and Registration – TBC

MONDAY 29 JUNE

09:00 – 10:30	IAPWS EC initial meeting – (TBC)
10:30 – 12:00	PCC Internal – PCC WG Meeting – (TBC) <ol style="list-style-type: none">1. Introduction to PCC 2026 Meeting2. Amendments / Adoption of Agenda3. Appointment of Clerk of Minutes4. Approval of Minutes of PCC Helsinki 20255. Review of Actions from last PCC WG Meeting6. Review of current ICRNs and closing/closing statements7. International Collaborations – possible projects to be discussed and processed at IAPWS 2026<ol style="list-style-type: none">a. TBC8. IAPWS TGDs Updates– (Barry Dooley)<ol style="list-style-type: none">a. TGDs Overviewb. Benchmarkingc. Corrosion Product Samplingd. Geothermal Steam Chemistrye. Electrode Boiler Chemistryf. Flue gas condensation

- g. Application of FFS in Nuclear Plants
- h. Instrumentation
- i. Steam Purity
- j. Application of Film Forming Substances in Fossil and Combined Cycle Plants Revision with FFS Conference Materials
- k. Carryover
- l. Flue gas condensation

9. TBC - PCC Keynote presentations

12:00 pm to 1:30 pm Lunch

1:30 pm to 5:30 pm PCC and PCAS Joint Meeting (includes afternoon Tea Break) – (TBC)

David Addison, PCC Chair/Thermal Chemistry – High Temperature Heat Pump Steam Generators and Steam Compressors TBC - PCC Keynote presentations

M. Jobe , Investigation of Flow-Accelerated Corrosion Mitigation by Film-Forming Amines in a High-Temperature and High-Pressure Loop (Update of the International Collaboration on FFA; M. Jobe, K. Yoshida, S. Weerakul, Y. Tai, and W. Cook)

Derek M. Hall, Penn State University - Examining how solution chemistry impacts aggregation tendencies of corrosion products for nuclear power generation systems

Derek M. Hall, Penn State University - Automated detection and quantification of localized corrosion in steel using X-ray computed tomography data

A. Anderko, Prediction of the Solubility of Iron Oxides in Wide Temperature Ranges: Thermodynamic Foundation for Understanding Flow-Accelerated Corrosion (P. Wang, M.B. Hariri, J. Kosinski, B. Perdicakis and A. Anderko)

S. Shimizu , Understanding how molecules interact with surfaces and water: From thermodynamic principles to data analysis

K. Yoshida, NMR Analysis of Supercritical Water Reaction of 1-Butanol as a Model Intermediate Product for Decomposition of Film Forming Amines (K. Yoshida, A. Doi, Y. Yamaguchi, and T. Hirano)

Wolfgang Hater, The adsorption of Oleyl Propylendiamine (OLDA) on Metal Surfaces under Dry Steam Conditions

Electrode boiler TGD review discussions

Electrode boiler draft ICRN review discussions

TBC – related presentations

3:00 pm to 3:30 pm Coffee/Tea Break

3:30 pm to 5:30 pm PCC and PCAS Joint Meeting – Continued (Auditorium)

Evening PCC Social Dinner - TBC

TUESDAY 30TH JUNE

09:00 – 12:00 PCC TGD Groups/Subject Task Group (STG) working time

PCC Priority List 2026 Discussion and Update – Led by David Addison – PCC Chair

National Committee reps – member PCC related issues updates (round the table discussion)

Discussion about a possible future IAPWS PCC International Water/Steam Chemistry Conference run by PCC – David Addison – PCC Chair

Priority Draft TGD Working Reviews – live reviews and edits

Benchmarking

Geothermal Steam Purity

Electrode Boilers

Depending on number of attendees and interests, breakout group(s) may be convened during this session to continue the Priority List review in more detail to report back with recommendations for PCC activities, order of priority and potentially start scoping future TGDs, White Papers and ICRNs.

12:00 pm – 12:45 Lunch

12:45 pm – 5:30 pm IAPWS Technical Visit – **Technical Tour to Hinkley Point C**

WEDNESDAY 1ST JULY

08:30 to 4:00 pm – BIAPWS Symposium (Auditorium)

Theme TBC

See separate Symposium program – refer to the IAPWS2026 website for now
- <https://iapws2026.com>

PCC (very interesting and related) presentations as part of the BIAPWS
Symposium to be confirmed soon

Includes: IAPWS Helmholtz Award Lecture

5:00 pm Transport to IAPWS Dinner/Banquet

7:00 pm IAPWS Dinner/Banquet TBC

THURSDAY 2ND JULY

- 09:00 – 12:00 PCC TGD Groups/Subject Task Group (STG) working time (continued):
Additional PCC technical presentations - TBC
- 12:00 pm - 1:30 pm Lunch
- 1:30 pm - 5:30 pm PCC WG Business - Led by David Addison – PCC Chair (TBC)
- (1) Discussion of PCC 2026 Priority List and reporting back
 - (2) TGD Updates – (Led by Barry Dooley)
 - (a) Progress updates from IAPWS 2026 and progress plans from Task Group Chairs
 - (b) Proposals for new TGDs
 - (3) Updates on progress with ICRNs being drafted and possible new additions
 - a. FFS ICRN
 - b. Electrode boiler ICRN
 - (4) c. Other ICRNs Possible PCC related future International Collaborations
 - (5) PCC Webinars for 2026/2027
 - a. Review of 2025/2026 Webinars
 - b. Registrations, attendance, YouTube etc
 - c. Future PCC webinars, subjects, presenters etc
 - (6) Other PCC Communications
 - a. PCC WG update calls
 - b. LinkedIn
 - (7) Review of PCC Work Flow Chart (2010) to reflect current work practices – Paul McCann
 - (a) PCC Task Groups
 - (b) White papers
 - (c) Webinars
 - (d) LinkedIn
 - (e) Future related conferences (FFS etc)
 - (8) IAPWS 2027 and 2028 updates
 - (9) Review, update, rationalization and consolidation of PCC actions

- (10) PCC Public Relations / Contribution to Press Release
- (11) Changes in PCC Membership and Election of Officers
- (12) Adjournment

FRIDAY, 3RD JULY

09:00 – 13:00 IAPWS Executive Meeting (TBC)