

**Agenda for the IAPWS Working Group
Thermophysical Properties of Water and Steam (TPWS)
Prague, Czech Republic, September 2, 2018**

1. Opening Remarks; Adoption of Agenda
2. Appointment of Clerk of Minutes
3. Potential International Collaborative Projects
4. Industrial Requirements and Solutions for Steam Property Calculations (joint with WG IRS)
 - 4.1 Report of the Task Group “Categories of industrial requirements” (N. Okita, A. Nový, I. Weber)
 - 4.2 Report of the Task Group “Industrial Advisory Note” (M. Hiegemann, B. Rukes, A. Singh, A. Harvey) (N. Okita)
 - 4.3 Report of the Task Group “Wet steam properties Calculation” (A. Nový, J. Hrubý, K. Orlov, R. Span, K. Meier)
 - 4.4 Report of the Task Group “Wet Steam Data from Operating Turbines” (N. Okita, A. Nový, I. Weber, S. Senoo)
5. Minor Revisions to IAPWS Documents (joint with WG IRS)
 - 5.1 Report on minor revision of IAPWS-95 Release (A. Harvey)
 - 5.2 Report on evaluation of IAPWS-95 revision (K. Miyagawa, presented by A. Harvey)
 - 5.3 Formal consideration of IAPWS-95 Revised Release
 - 5.4 Report on minor revision of Advisory Note 3 on Thermodynamic Derivatives from IAPWS Formulations (H.-J. Kretzschmar)
 - 5.5 Report on evaluation of Revised Advisory Note 3 (K. Meier)
 - 5.6 Formal consideration of Revised Advisory Note 3
6. Heavy Water Properties (joint with WG IRS) [afternoon]
 - 6.1 Report of Task Group on Heavy Water Thermodynamic Properties (R. Span, A. Harvey, S. Herrig)
 - 6.2 Report of Evaluation Task Group for Revised Heavy Water Formulation (H.-J. Kretzschmar)
 - 6.3 Formal consideration of Revised Release for Heavy Water
 - 6.4 Report of TG for Heavy Water Transport Properties (J. Sengers, M. Assael, M. Huber, R. Perkins, presented by A. Harvey)
7. Report of Task Group on Surface Tension of Ordinary Water (joint with WG IRS and SC SW) (J. Kalová, V. Vinš, A. Harvey, O. Hellmuth, V. Holten, J. Hrubý, R. Mareš, J. Pátek, F. Caupin)
8. Metastable Water (joint with SC SW)
 - 8.1 Report on the vapor pressure of supercooled water (V. Holten, A. Harvey)

- 8.2 Report of Task Group on possible revision of IAPWS formulations for melting curves (V. Holten, A. Harvey, H.-J. Kretzschmar)
9. Cooperation with other international bodies (joint with SC SW)
 - 9.1 IAPWS/IAPSO/SCOR Joint Committee on Seawater, including updates to TEOS-10 (R. Pawlowicz)
 - 9.2 BIPM/IAPWS cooperation
10. Proposed new IAPWS seawater-related documents (joint with SCSW)
 - 10.1 Report on surface tension of seawater (V. Vins, A. Harvey, K. Nayar)
 - 10.2 Appointment of Evaluation Task Group for seawater surface tension and setting of schedule for new IAPWS Guideline.
 - 10.3 Report on preliminary work on viscosity of seawater (K. Nayar, presented by A. Harvey)
11. IAPWS Certified Research Needs (ICRNs)
 - 11.1 ICRN 27: Thermophysical Properties of Humid Gases and CO₂-Rich Mixtures (closing statement needed) (R. Span, A. Harvey)
 - 11.2 Report of Task Group on ICRN for acid gas dew points (N. Okita, K. Orlov, R. Span)
12. Reports on other TPWS activities
 - 12.1 Guideline on Fundamental Constants (A. Harvey)
 - 12.2 Advisory Note 2 (J. Cooper, A. Harvey)
 - 12.3 Report on progress toward IAPWS Guideline on diffusivity of ordinary water (A. Harvey, K. Yoshida)
13. Other Business
14. Membership
15. Contribution to Press Release
16. Preparation of the Formal Motion to the EC
17. Adjournment

August 29, 2018

A.H. Harvey (Chair), J. Hrubý (Vice-Chair), K. Meier (Vice-Chair)