

# Agenda for the IAPWS Working Group Industrial Requirements and Solutions (IRS) Prague, Czech Republic, September 2, 2018

(Numbering of topics follows TPWS agenda, except where denoted "...-IRS" or "...-IRS/PCC/PCAS")

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 TPWS]
  - 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) (presented by 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 TPWS]
  - 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-IRS/PCC/PCAS. Report of the Task Group "Categories of industrial requirements" (N. Okita, A. Nový, I. Weber) ; Just After Lunch
6. Heavy Water Properties [joint with WG TPWS] ; 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 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. Asseal, M. Huber, R. Perkins, presented by A. Harvey)
7. Report of Task Group on Surface Tension of Ordinary Water [joint with WG TPWS and SC SW] (J. Kalová, V. Vinš, A. Harvey, O. Hellmuth, V. Holten, J. Hrubý, , R. Mareš, J. Pátek, F. Caupin)
- 8-IRS. Discussion on "Wet Steam Data from Operating Turbines"; After item 7 with TPWS / SC SW
11. IAPWS Certified Research Needs (ICRNs) [joint with WG TPWS]
  - 11.1 ICRN 27: Thermophysical Properties of Humid Gases and CO<sub>2</sub>-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-IRS. Discussion on "Categories of industrial requirements"; After item 12 with TPWS
- 13-IRS. Other Business
- 14-IRS. Membership

15-IRS. Contribution to Press Release

16-IRS. Preparation of the Formal Motion to the EC

17-IRS. Adjournment

*August 30, 2018*

*N. Okita (Chair), A. Nový (Vice-Chair)*