Preliminary Agenda
IAPWS Thermophysical Properties of Water and Steam WG
Berlin, Germany, 7 September 2008

1. Opening Remarks; Adoption of Agenda
2. Appointment of Clerk of Minutes
3. Web Space for Working Material for WGs TPWS and IRS
4. Potential International Collaborative Projects
5. Release on the IAPWS Formulation 2008 for the Thermodynamic Properties of Seawater, joint with WG IRS
   - Report of the Evaluation Task Group (J. Hruby, K. Miyagawa)
   - Formal Consideration of the Release by the WGs TPWS and IRS
6. Revised Release on the Pressure along the Melting and Sublimation Curves of Water, joint with WG IRS
   - Report of the Evaluation Committee (J.R. Cooper, K. Miyagawa, R. Mares)
   - Formal Consideration of the Revised Release by the WGs TPWS and IRS
7. Editorial Changes on the Release on the IAPWS Formulation 1995 for the Thermodynamic Properties of Ordinary Water Substance for General and Scientific Use
   - Report (W. Wagner)
   - Test Report (K. Miyagawa)
   - Formal Consideration of the Editorial Changes by the WG TPWS
8. Supplementary Release on Properties of Liquid Water at 0.1 MPa, joint with WG IRS
   - Report of the Task Group (A.H. Harvey, J. Hruby)
   - Report of the Evaluation Task Group (J. Sengers, R. Mares, K. Miyagawa)
   - Formal Consideration of the Supplementary Release by the WGs TPWS and IRS
   - Future Extensions of the Supplementary Release on Properties of Liquid Water at 0.1 MPa (G. Bignold, J.R. Cooper, A.H. Harvey, J. Hruby)
9. Transport Properties of Water and Steam
   - 9.1 Editorial Adjustment to the Release on the IAPWS Formulation 2008 for the Viscosity of Ordinary Water Substance, joint with WG IRS
     - Report of the Task Group (A.H. Harvey)
   - 9.2 Revised Release on the IAPWS Formulation for the Thermal Conductivity, joint with WG IRS
     - Report of the Task Group (A.H. Harvey)
     - Report of the Evaluation Task Group (K. Miyagawa, R. Mares)
     - Formal Consideration of the Revised Release by the WGs TPWS and IRS
   - 9.3 Development of a New Thermal Conductivity Formulation
     - Report of the Task Group (J.V. Sengers, D.G. Friend)

10 New Equation of State for Liquid Water for Oceanographic Use, joint with WG IRS
- Report of the Task Group (R. Feistel, K. Miyagawa, T. McDougal)
- Discussion about Preparing a Supplementary Release for Oceanographic Use and Establishing an Evaluation Task Group

11. Revised Advisory Note No. 3 on Thermodynamic Derivatives from IAPWS Formulations, joint with WG IRS
- Report of the Task Group (H.-J. Kretzschmar, R. Feistel, J.R. Cooper)

12. Update for ICRN # 14: Thermophysical Properties of Humid Air and Combustion-Gas Mixtures, joint with WG IRS
- Report of the Task Group (R. Span)

13. ICRN # 21: Dew Point for Flue Gas of Power Plant Exhaust, joint with WG IRS
- Report of the Task Group (N. Okita)

14. Industrial Requirements for Steam Property Calculations, joint with IRS
- Report of the Task Group (H.-J. Kretzschmar, W.T. Parry)

15. Reports on Other TPWS & IRS Activities

15.1 Calculation of Seawater Properties Using IAPWS-IF97 (R. Feistel, M. Hiegemann, K. Miyagawa), joint with WG IRS

15.2 Guideline on Fundamental Constants (A.H. Harvey), joint with WG IRS

15.3 Update of Advisory Note # 2: Roles of Various IAPWS Documents. (J.R. Cooper , A.H. Harvey), joint with WG IRS

15.4 Steam Tables for Excel®, Mathcad®, and Pocket Calculators for Education on the IAPWS Website (H.-J. Kretzschmar)

15.5 Liaison with IEC (J.R. Cooper), joint with WG IRS

15.6 Liaison with CCM (A.H. Harvey, R. Span)

16. Membership

17. Other Business
- Report on International Collaborative Projects

18. Preparation of the Formal Motion to the EC

19. Adjournment

Note, the time for the Working Group Meeting is short due to the ICPWS, so we must limit the agenda to essential business and can cannot have any extra presentations.

In case the discussions can not be finished on Sunday they will be continued on Monday evening after the conference sessions.

September 04, 2008

H.-J. Kretzschmar (Chair) and A.H. Harvey (Vice-Chair)