

## IAPWS Subcommittee on Seawater (SCSW)

### Draft Agenda (version June 11 2015)

Stockholm, Sweden, June 29 - July 2 2015

Chair: R. Pawlowicz

Vice Chairs: M. Hiegemann, R. Feistel

#### Notes:

- This agenda specifically contains seawater-related items. SCSW will proceed with TPWS, and agenda scheduling will follow that of TPWS agenda.
- TPWS Agenda numbers indicated in parentheses (X)
- Agenda items on MONDAY, TUESDAY, THURSDAY, but Item 4 will occur on Tuesday
- IAPWS Symposium WEDNESDAY
- IAPWS Dinner/banquet THURSDAY

## Agenda Items

1. (1) Adoption of Agenda
2. (2) Appointment of Clerk of Minutes
3. Approval of minutes from 2014 meeting
4. Progress reports on SCSW-related activities
  - 4.1. (14.1) Best practices guide for density analysis (H. Wolf, S. Weinreben, H. Uchida, R. Pawlowicz)
  - 4.2. (14.5) Density anomalies in coastal waters (R. Pawlowicz, H. Uchida, F. Millero)
  - 4.3. (10.4) Fugacity of water vapour in saturated humid air and water vapour enhancement factor (O. Hellmuth, R. Feistel, J. Lovell-Smith, J. Kalova)
  - 4.4. (14.2) The Conductance-Density Relation of Standard Seawater (Schmidt, Wolf) (M/T preferred)
  - 4.5. (14.3) Seawater Density Comparison (Schmidt, Wolf) (M/T preferred)
  - 4.6. (14.4) Nonlinearities in Seawater density measurements (Uchida)
  - 4.7. ~~(14.6) Upcoming open-ocean measurements (Millero)~~
  - 4.8. (14.7) Update on GSW software toolbox (Feistel and Barker)
  - 4.9. (14.8) Update on seawater pH (Feistel and Camoes)
5. IAPWS Releases
6. IAPWS Guidelines

- 6.1. (15.1) Discussion on Guideline for Practical Salinity formula also covering low salinity range
- 6.2. (15.2) Discussion on Guideline for a simplified density equation for oceanographic use
7. (18) IAPWS Certified Research Needs (ICRNS)
  - 7.1. Discussion on ICRN for seawater pH
8. Task groups
  - 8.1. (17.1) Report on Task Group on Transport Properties of Seawater (joint TPWS, IRS) (A. Anderko, A. Harvey)
  - 8.2. (12) Report on Task Group on Extension of Range of Formulation for Thermodynamic Properties of Seawater (joint IRS, TPWS) (R. Feistel)
  - 8.3. (17.2) Report of Evaluation Task Group for Seawater Thermal Conductivity (joint TPWS) (R. Pawlowicz)
  - 8.4. (10.2) Report of the Evaluation Task Group on a Virial Equation for the Fugacity of H<sub>2</sub>O in Humid Air (Joint TPWS) (A. Harvey)
9. Reports on International Collaboration
  - 9.1. (13.1) SCOR/IAPWS/IAPSO Joint Committee on Seawater (R. Pawlowicz)
    - 9.1.1. Updates to TEOS-10
  - 9.2. (13.2) Metrologia article on BIPM/IAPWS collaboration (R. Feistel)
  - 9.3. (13.3) Cooperation with BIPM (Uncertainty Workshop) (R. Feistel)
10. Discussion of future activities in SCSW
11. (21) Membership
12. (22) Contribution to Press Release
13. (23) Preparation of formal motions to the Executive Committee
  - 13.1. (17.3) Formal consideration of Guideline on Thermal Conductivity of Seawater
  - 13.2. (10.3) Formal consideration of the Guideline on a Virial Equation for the Fugacity of H<sub>2</sub>O in Humid Air (Joint TPWS)
14. (24) Adjournment