

AGENDA for the EXECUTIVE COMMITTEE of IAPWS

Boulder, Colorado. 30th September – 5th October 2012

Monday, 1st October 2012. Opening Session (8:30 – 9:30am)

- Opening Remarks and Welcome by IAPWS President, K. Daucik
- 1. Adoption of Agenda
- 2. IAPWS Business and Appointment of Committees
 - 2.1 Releases, Advisory Note, ICRNs and Technical Guidance Documents
 - 2.2 Press Release
 - 2.3 Evaluation Committee on International Collaboration
 - 2.4 IAPWS Awards Committees for 2013 (Honorary Fellow, Gibbs, Helmholtz)
 - 2.5 Report on Committee for IAPWS Statutes and By-Laws. (2011 Minute 17.2))
 - 2.6 16th ICPWS (business activities during the IAPWS week)
 - 2.7 Report on BIPM/CIPM and SCOR IAPSO Interfaces and Future Support for Similar Meetings
 - 2.8 Other business requiring special/extensive discussions
- 3. EC Mandate to Working Groups and Membership
 - 3.1 Releases, Guidelines and ICRNs
 - 3.2 WG Directions
- 4. Preview of Week's WG Activities by WG Chairmen

Friday, 5th October 2012. Executive Committee Meeting. (8:30am – 1:00pm)

- 5. Acceptance of Minutes of Previous Meeting
- 6. President's Report
- 7. Report and Recommendations of TPWS, IRS and the Sub-Committee on Seawater
- 8. Report and Recommendations of IRS
- 9. Report and Recommendations of the Sub-committee on Seawater
- 10. Report and Recommendations of PCAS
- 11. Report and Recommendations of PCC
- 12. Editorial Committee Report
- 13. Membership and Associates
 - 13.1 Report on Membership. Including Members Defaulting on Dues.
 - 13.2 Report on Associate Members, Australia, New Zealand, France, Switzerland and South Africa
- 14. Executive Secretary's Report
 - 14.1 Financial and Auditors
 - 14.2 Time and Place of 2013/2014/2015 Meetings.
Includes BIAPWS's Update on the 16th ICPWS in 2013
- 15. Guidelines, Releases, Certified Research Needs, and International Collaborations
 - 15.1 International Collaborations
- 16. IAPWS Awards
 - 16.1 Helmholtz Award Committee
 - 16.2 Honorary Fellowship
 - 16.3 2013 Gibbs Award
- 17. Election of Officers for 2013 and 2014

- 18. New Business
 - 18.1 EC Preparation for 16th ICPWS
 - 18.2 IAPWS Statutes and By-Laws
 - 18.3 Press Release
 - 18.4 Other items raised during the IAPWS week
- 19. Adjournment



Schedule of IAPWS Meetings Boulder, Colorado. 30th September – 5th October 2012

(All meetings will be at the Millennium Harvest House Hotel)

Sunday 30 Sept.	6:00 pm	Informal Get-together and Registration (Location will be at the Millennium Harvest House Hotel)
Monday 1 Oct.	8:30am.	Opening Plenary Session - Executive Committee
	10:00am	TPWS/IRS/SCSW Joint Meeting
(To set agendas for the week and to conduct IAPWS Business, thus allowing remainder of week for technical matters)		
	10:00am.	PCAS and PCC Separate Meetings
(To conduct IAPWS Business, thus allowing remainder of week for technical matters)		
	1:30pm.	TPWS/IRS/SCSW Joint Meeting
	1:30pm.	PCC and PCAS Separate WG Meetings
Tuesday 2 Oct.	8:30am.	PCAS Workshop (other WG Members will be welcome)
	8:30am	PCC Workshop (other WG Members will be welcome)
	8:30am.	TPWS/IRS/SCSW Joint Working Group Meeting
	10:30am.	TPWS/IRS/SCSW Joint Meeting. PCC, PCAS Separate Meetings
	1:30pm	TPWS/IRS/SCSW Joint Meeting.
	1:30pm	PCC/PCAS Joint WG Meeting and Workshop
	3:30pm	PCC and PCAS Separate Meetings
Wednes. 3 Oct.	9:00 – 4:00	IAPWS Symposium. The Energy-Water Nexus: Status and Prospectus (Location will be at Millennium Harvest House Hotel)
Thursday 4 Oct.	8:30am.	IRS, SCSW and PCC Separate WG Meetings
	8:30am.	TPWS/PCAS Joint WG Meeting
		WG Chairmen: A. Harvey and M. Nakahara
	1:30pm.	Separate meetings of Working Groups (If needed to prepare for Executive meeting)
	6:00 pm.	IAPWS Dinner/Banquet. (Red Lion Inn, Boulder)
Friday 5 Oct.	8:30am.	Executive Meeting (8:30am - 1: 00pm) (Will include at least one member from each National Delegation)
	1:30 – 4:00 pm	Technical visit to NIST and NOAA

TPWS - Thermophysical Properties of Water and Steam WG

SCSW - Subcommittee on Seawater

IRS - Industrial Requirements and Solutions WG

PCAS - Physical Chemistry of Aqueous Solutions WG

PCC - Power Cycle Chemistry WG

Barry Dooley
21st September 2012



THE INTERNATIONAL ASSOCIATION FOR THE PROPERTIES OF WATER AND
STEAM (IAPWS) SYMPOSIUM

The Energy – Water Nexus: Status and Prospectus

October 3, 2012, 9:00 – 16:00

Flagstaff Ballroom, Millennium Harvest House Hotel, Boulder, CO – USA

Co-organized by the American Society of Mechanical Engineers (ASME)

Chair – Richard T Jacobsen (Idaho State University)

Co-Chair – Michael Tinkleman (ASME)

Schedule

9:00 – 9:10	Welcome and Helmholtz Award ¹ presentation (Karol Daucik, IAPWS President)
9:10 – 10:00	Helmholtz Award Lecture: Prof. Maxim Federov, Strathclyde University, “Molecular theory of liquids: approaching chemical accuracy”
10:00 – 10:20	Coffee break
10:20 – 10:45	ASME Energy – Water Nexus Research Activities Dick Jacobsen, Michael Tinkleman, ASME
10:45 – 11:30	<u>KEYNOTE</u> - Michael Hightower, Sandia National Laboratories The Energy – Water Nexus: Status and Prospectus
11:30 – 12:15	Shahid Chaudhry, California Energy Commission New and Emerging Desalination Technologies
12:15 – 13:30	Lunch
13:30 – 15:30	<u>Afternoon Session</u>
13:30 – 14:00	Larry Schimmoller, CH2M Hill, Denver, Colorado The Use of Reclaimed Municipal Wastewater for Cooling and Process Water at Power Plants
14:00 – 14:30	Pavel Gotovtsev, Moscow Power Engineering Institute Water management at thermal power plants. Reuse of water and zero-liquid discharge at existing and new power plants
14:30 – 15:00	Andrew Howell, Xcel Energy, Henderson, Colorado Parallel Wet-Dry Cooling at a 750-MW Coal-Fired Supercritical Unit
15:00 – 15:30	General discussion and wrap-up
15:30 – 16:00	Coffee break

¹ The IAPWS Helmholtz Award is given each year to an early-career scientist or engineer working in an area related to the purposes of IAPWS.