

**AGENDA for the EXECUTIVE COMMITTEE
IAPWS
Santorini Island, Greece. 3 – 8 July, 2005**

Monday, 4 July 2005. Opening Session (9:00 – 10:30am)

- Opening Remarks and Welcome
- 1. Adoption of Agenda
- 2. IAPWS Business and Appointment of Committees
 - 2.1 Press Release
 - 2.2 Evaluation Committee on International Collaboration
 - 2.3 IAPWS Awards Committees and Process (Honorary Fellow and Helmholtz)
 - 2.4 Host Country for 15th ICPWS (Kyoto Minute 2)
 - 2.5 Other business requiring special/extensive discussions
- 3. EC Mandate to Working Groups and Membership
 - 3.1 IAPWS Restructuring (Committees and Task Forces. Kyoto Minutes 18.1)
 - 3.2 Releases, Guidelines and Certified Research Needs
 - 3.3 WG Directions
- 4. Preview by WG Chairpersons of Week's Activities

Friday, 8 July 2005. Executive Meeting. (8:30am – 12:00noon)

- 5. Acceptance of Minutes of Previous Meeting
- 6. President's Report
- 7. Report and Recommendations of TPWS
- 8. Report and Recommendations of IRS
- 9. Report and Recommendations of PCAS
- 10. Report and Recommendations of PCC
- 11. Editorial Committee Report
- 12. Membership and Associates
 - 12.1 Report on Membership (Including Members Defaulting on Dues)
- 13. Executive Secretary's Report
 - 13.1 Financial, Auditors and Dues
 - 13.2 Financial Report on the 14th ICPWS
 - 13.3 Time and Place of 2006/2007 Meetings
- 14. Guidelines, Releases, Certified Research Needs
 - 14.1 International Collaborations
- 15. IAPWS Awards
 - 15.1 Helmholtz
 - 15.2 Honorary Fellowship
- 16. New Business
 - 16.1 IAPWS Restructuring. Committees and Task Forces
 - 16.2 Press Release
 - 16.3 Miscellaneous Items
- 17. Adjournment

Wednesday July 6th 2005

**Symposium on
Applied Water Treatment Processes for Power Plant Cycles**

Morning Session

Chairpersons: Prof. M. Assael, *Chemical Engineering Dept., Aristotle University, Greece*
A. Kastanaki, *Public Power Corporation, Greece*

- 09:00 Presentation of the Helmholtz Award by the president of IAPWS
- 09:45 Applied water treatment processes for PPC power plant boilers
A. Kastanaki, *Public Power Corporation, Greece*
- 10:15 Main condensers' corrosion in Agios Dimitrios Power Plant
D. Sotiropoulos *Public Power Corporation, Greece*
- 10:45 *Coffee*
- 11:15 Oxidation & contamination of cationic resin beds
P. Tsiampas, *Public Power Corporation, Greece*
- 11:45 Investigation of the boiler corrosion at the Ptolemais P.S.
S. Vasile, *Public Power Corporation, Greece*
- 12:15 Control of Flow Accelerated Corrosion (FAC) in Conventional Fossil and Combined
Cycle Power Plants
B. Dooley, *EPRI, USA*
- 12:45 *Lunch*

Afternoon Session

Chairpersons: Dr B. Dooley, *EPRI, USA*
Prof. Sergei Lvov, *Penn State University, USA*

- 14:45 Partitioning of Acids, Bases and Salts from Liquid Water to Steam: Laboratory-Scale
Experimental Results
D. Palmer, *Oak Ridge National Laboratory, USA*
- 15:15 Latest Experience with High Temperature Water Chemistry Sensors Related to Nuclear
Industries
S. Uchida, *Tohoku University, Japan*
- 15:45 *Coffee*
- 16:15 High Temperature Water Chemistry Sensors Related to Fossil Fuel Power Stations
Eric Maughan, *Thornton Europe, Germany*
- 16:45 State of the Art in Experimental Studies of Electrochemical Corrosion in High
Temperature Aqueous Systems
S. Lvov, *Penn State University, USA*
- 17:15 *Adjourn*

Schedule
IAPWS Meetings
Santorini, Greece. 3 – 8 July 2005
 (All meetings will be at the Santorini Palace Hotel)

- Sunday 3 July. 8:00pm Informal Get-together and Registration
 (Hosted by Greek National Committee)
- Monday 4 July. 9:00am. Opening Plenary Session - Executive Committee
 11:00am TPWS/IRS Joint Meeting
 (To set agendas for the week and to conduct IAPWS Business, thus allowing remainder of week for technical matters)
 11:00am. PCAS and PCC Separate Meetings
 (To conduct IAPWS Business, thus allowing remainder of week for technical matters)
 2:00pm. TPWS and IRS Joint or Separate Meetings
 2:00pm. PCC/PCAS Joint WG Meeting and Workshop
Joint WG Workshop
- Tuesday 5 July. 8:30am. PCAS Workshop (other WG Members will be welcome)
PCAS Workshop on Priority Topics
 8:30am. TPWS and IRS Joint or Separate Working Groups Meetings.
 8:30am. PCC Separate Meetings
 2:30pm IRS and PCC Separate WG Meetings
 2:30pm TPWS/PCAS Joint Meeting
Topics of Interest to Both WGs
 7:00 pm. IAPWS Wine Tasting. (Santos Winery)
- Wednes. 6 July. 9:00-5:00 **IAPWS Symposium**
"Applied Water Treatment Processes for Power Plant Boilers"
- Thursday 7 July. 8:30am. TPWS/IRS/PCAS/PCC Separate or Joint WG Meetings
 1:30pm. Separate meetings of Working Groups
 (If needed to prepare for Executive meeting)
 7:00 pm. **IAPWS Dinner.**
 (Restaurant 1800 at Oia)
- Friday 8 July. 8:30am. Executive Meeting **(8:30am - 1: 00pm)**
 (Will include at least one member from each National Delegation)

TPWS - Thermophysical Properties of Water and Steam WG
 PCAS - Physical Chemistry of Aqueous Solutions WG
 PCC - Power Cycle Chemistry WG
 IRS - Industrial Requirements and Solutions WG

Barry Dooley
 25 February 2005

