

AGENDA for the EXECUTIVE COMMITTEE of IAPWS

LUCERNE, SWITZERLAND. 26 AUGUST – 1 SEPTEMBER 2007

Monday, 27 August 2007. Opening Session (8:30 – 10:00am)

- Opening Remarks and Welcome by IAPWS President and Head of Swiss Committee
- 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, Helmholtz and Gibbs). (Discussion on Helmholtz follows from Witney Minute 15.1)
 - 2.4 Host Country for 15th ICPWS (German NC) (Witney Minute 17.2)
 - 2.5 IAPWS Member Countries (Witney Minute 12.2.4)
 - 2.6 IAWPS Statutes and By-Laws (Witney Minutes 11 and 12.2)
 - 2.7 IAWPS Education and Outreach (Witney Minute 17.3)
 - 2.8 Acknowledging contributions to IAPWS Documents (US NC)
 - 2.9 Other business requiring special/extensive discussions
- 3. EC Mandate to Working Groups and Membership
 - 3.1 Releases, Guidelines and Certified Research Needs (New and Expiring)
 - 3.2 WG Directions
- 4. Preview by WG Chairpersons of Week's Activities

Friday, 31 August 2007. Executive Meeting. (8:30am – 1:00pm)

- 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 Time and Place of 2008/2009 Meetings
- 14. Guidelines, Releases, Certified Research Needs, and International Collaborations
 - 14.1 International Collaborations
- 15. IAPWS Awards
 - Helmholtz Award and Procedures Committee
 - Honorary Fellowship
 - Gibbs Award
- 16. New Business
 - 16.1 Press Release
 - 16.2 15th ICPWS (German NC Report)
 - 16.3 IAPWS Member Countries, Statutes and By-Laws
 - 16.4 Education and Outreach
 - 16.5 Acknowledging IAPWS Contributions
- 17. Adjournment

THE 2007 ANNUAL IAPWS MEETING
GRAND HOTEL EUROPE, LUZERN, SWITZERLAND

Wednesday 29 August 2007

THE IAPWS 2007 SYMPOSIUM

08:00 Begin registration

09:00 - 10:00 Helmholtz Award

Presentation of the Helmholtz award to Karsten Meier (Institut für Thermodynamik, Helmut-Schmidt-Universität, Universität der Bundeswehr Hamburg)

Helmholtz Award Lecture: Dr.K.Meier

"Development of an instrument for highly accurate measurements of the speed of sound in fluids at high pressures"

10:15 - 16:30 IAPWS Symposium

"Interaction of water and steam with materials in power plants"

Chairman: Dr.H.Venz (NOK Kernkraftwerk Beznau, Switzerland)

Dr.R.Svoboda (Alstom Power, Chairman SCPWS)

Welcome and Introduction

Prof.D.H. Lister and Dr.D.R. Morris (University of New Brunswick, Canada):

"The Dissolution of Hydrogen in Reactor Coolants"

Dr.Shunsuke Uchida (Japan Atomic Energy Agency, Japan):

"Latest Experience with Water Chemistry in Nuclear Power Systems in Japan "

Prof.Horst Michael Prasser (ETH Zürich, Switzerland):

"Water hammer experiments in the frame of the WAHALoads project"

Dr.Barry Dooley (Structural Integrity, USA):

"State of knowledge and future aspects of fossil and combined cycle chemistry"

12:30 - 14:00 Lunch

Dr.Geoff Bignold (GJB Chemistry for Power Ltd, UK):

"The consequences of dissolution of protective metal oxides in water."

Dr.Andreas Drexler, Dr.Bernhard Stellwag (AREVA NPG Erlangen, Germany):

"Dissolution Behaviour of Ni and NiO Particles in Simulated PWR Reactor Coolant at Temperatures below 100 °C"

Dr.Irene Mailand / Dr.Hartmut Venz (NOK Kernkraftwerk Beznau, Switzerland):

"Influence of the stability of nickel iron oxides on the procedure of the shutdown chemistry at Beznau NPP"

Prof.Serguei Lvov (Pennsylvania State University):

" A New Wave of Basic Research on Materials Under Extreme
Environments in the United States"

Final Discussion and Closing Remarks

16:30 Coffee

Schedule of IAPWS Meetings

Lucerne, Switzerland. 26 August – 1 September 2007

(All meetings will be at the Grand Hotel Europe, Lucerne)

Sunday 26 Aug.	6:30pm	Informal Get-together, Cocktails and Registration (Hosted by SCPWS Committee. Grand Hotel Europe)
Monday 27 Aug.	8:30am.	Opening Plenary Session - Executive Committee
	10:00am	TPWS/IRS 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 and IRS Joint or Separate Meetings
	1:30pm.	PCC/PCAS Joint WG Meeting and Workshop
		Research on Physical Chemistry for Power Generation
Tuesday 28 Aug.	8:30am.	PCAS Workshop (other WG Members will be welcome)
		Physical Chemistry of High Temperature Aqueous Systems
	8:30am.	TPWS/IRS/PCC Joint Working Group Meeting
		Properties of Humid Air and Humid Combustion Gases
	10:30am.	All WG Separate or Joint Meetings
	1:30pm	Separate or Joint WG Meetings
	2:30pm	All WGs Joint Meeting
		“Workshop on Properties of Seawater”
Wednes. 29 Aug.	9:00 – 5:00	IAPWS Symposium
		" Interaction of Water and Steam with Materials in Power Plants "
		(Registration commences at 8:00am. Helmholtz Lecture at 9am. Symposium at 10:15am)
Thursday 30 Aug.	8:30am.	IRS and PCC Separate WG Meetings
	8:30am.	TPWS/PCAS Joint WG Meeting
		“Ionization Constant of Water”
		“Symposium on Molecular Simulation”
	1:30pm.	Separate meetings of Working Groups (If needed to prepare for Executive meeting)
	6:30 pm.	IAPWS Dinner/Banquet. (Location to be announced)
Friday 31 Aug.	8:30am.	Executive Meeting (8:30am - 1: 00pm) (Will include at least one member from each National Delegation)
Saturday 1 Sept.	8:15am.	Technical Visit to NAGRA (8:30am - 6:00pm) (Includes Lunch)

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 August 2007