

**The Swiss National Committee
International Association for the Properties of Water and Steam**

Report on IAPWS related activities – September 2013 / June 2014
Submitted to the EC Meeting of IAPWS, Moscow, RU - June 2014.

National Committee Contacts:

SCPWS Swiss Committee for the Properties of Water and Steam
Head: Dr. Robert Svoboda, E-mail: r.svoboda@swissonline.ch

Following Institutions participated in the research into the thermophysical properties and chemical processes:

Prof.Dr. Kurt Heininger; University of Applied Sciences, Northwestern Switzerland; Windisch, E-mail: kurt.heiniger@fhnw.ch; web: www.fhnw.ch/technik/itfe

Prof.Dr. Horst-Michael Prasser; Institut für Energietechnik, Swiss Federal Institute of Technology, Zürich, E-mail: hprasser@ethz.ch

Dr. Michael Hiegemann, Dr. Francisco Blangetti; Alstom, Baden, Switzerland, e-mail: michael.hiegemann@power.alstom.com, francisco.blangetti@power.alstom.com

Ruedi Germann; Swan Analytical Instruments, Hinwil, E-mail: ruedi.germann@swan.ch

Research activities in the reporting period:

No new projects were reported

Contributions to current IAPWS activities:

Vice-chairman of Subcommittee on Sea-Water: M.Hiegeman

Co-authorship and reviewers of the following paper in the journal "Desalination and Water Treatment":

H.J. Kretzschmar, R. Feistel, W. Wagner, K. Miyagawa, A.H. Harvey, J.R. Cooper, M.Hiegemann, F.L. Blangetti, K.A. Orlov, I. Weber, A. Singh, S. Herrmann. "The IAPWS Industrial Formulation for the Thermodynamic Properties of Seawater".

Status of Associate Membership to IAPWS:

Industry climate and the ensuing activities at universities do presently not favor engagement in traditional science of water and steam in Switzerland. The major power plant supplier (Alstom) is presently undergoing change of ownership and possibly split-up; the major steam based electricity producers are nuclear power plants that plan phase out of their plants.

Up to now, no team of sponsors to commit on mid- or long-term to a regular Swiss membership fee has yet been assembled. Activities were therefore limited to few individuals. - It is requested to extend the Associate Membership for another term.

Recent Publications:

None

R.Svoboda, June 19, 2014