Scandinavian lAPWS Committee -SIAPWS
c/o IDA, Kalvebod Bygge 31-33, 1780 København V

5th of March 2013

SIAPWS report 2012
Scandinavian IAPWS Committee

International activities
The IAPWS annual meeting was held in Boulder, Colorado USA in October 2012. Four members of the Scandinavian IAPWS committee were represented at the meeting. As a part of the meeting a symposium on The Energy-Water Nexus: Status and Prospectus was arranged where the IAPWS delegates were joined by several additional people from the United States.

At the meeting one new TDG (technical guidance document) was released, as well as one guideline and one revised Guideline.

- TDG on Instrumentation for monitoring and control of cycle chemistry for the steam-water circuits of fossil-fired and combined-cycle power plants.
- Guideline on a Low-Temperature Extension of the IAPWS-95 Formulation for Water Vapor
- Revised Guideline on the Critical Locus of Aqueous Solutions of Sodium Chloride

The technical guidance document, in which we have been involved, is of great interest to members of SIAPWS. This is the fifth technical guidance document issue, one by one during each of the past four years. The preparation of the sixth technical guideline document started already after the annual meeting. SIAPWS is represented by K. Thomsen in the group preparing this TDG.

Two new Scandinavian members of the working group Power Cycle Chemistry have been appointed (M. Hellman and A. Fredrikson). Members are appointed after participation as guests at a couple of meetings and if they state their interest in co-working with the working group.

Prof. Tamara Petrova of the Moscow Power Institute succeeded Karol Daucik as Chairman of IAPWS.

Domestic activities
The domestic activities consisted of the general meeting last March in Copenhagen. At the workshop arranged in addition to the general meeting interesting and relevant subjects were discussed.

A report from the IAPWS meeting in Colorado was presented (A. Fredrikson) at the Matarvattenkonferensen in November in Stockholm.

The efforts to build a strong organization for SIAPWS in the Nordic countries continues. SIAPWS currently has members in Denmark, Sweden, Norway and Finland. Next on the agenda is to contact our colleagues in Iceland for whom IAPWS work on geothermal energy should be of great interest.

Mats Hellman
Chairman of SIAPWS