

34. International Symposium on Environmental Analytical chemistry (ISEAC34) at the University of Hamburg, June 4 – 8, 2006.

From June 4 to June 8, 2006 170 participants from Algery, Belgium, Brasil, Canada, China, Czech Republic, Denmark, France, Germany, India, Iran, Iraq, Italy, Korea, Luxemburg, The Netherlands, Poland, Roumania, Russia, Slovak Republic, Spain, South-Africa, Syria, U.K., U.S.A. and Switzerland took part in a conference dealing with new analytical methodology and challenging problems to be studied in the environment with respect to sustainability, global warming and public health. The conference took place in the chemistry building of the University of Hamburg, Here lectures took place in an auditorium of the Chemistry Building and the breaks were in the Foyer together with the conference office and the booths of the manufacturers Agilent Technologies, PANalytical, Restek, Thermo Corporation, Waters Ass. and Westfalen as well as the booth of HVV, the public transportation system of the city.



Presentation of the R.W. Frei Award for the best poster to Dr. U. Fittschen (left) by Prof. Dr. D. Klockow (right).

For the sponsoring of the coffee the company Darboven is greatly acknowledged. Further the conference bags were sponsored by Thermo Electron Company and the “deutsche Forschungsgemeinschaft” enabled the participation of 14 scientists from Poland, Russia and Hungary at ISEAC34.

After a get-together of the arriving participants on the evening of June 4 the conference started on June 5 and included 8 invited lectures. They dealt with methodology in the field of new plasma spectrometric techniques (Hieftje, Bloomington, U.S.A.) as well as X-ray-based methods (Janssens, Antwerpen, Belgium) and spectrometric instrumentation (Becker-Ross, Berlin) for environmental analysis and with immunological approaches (Niessner, Munich) for screening. Further challenging problems such as analysis at remote places even on other planets (Scowen, Bradford, U.K.), biogeochemical cycles in marine and coastal regions (Readman, Plymouth, U.K.) and fine dust pollution of the atmosphere (Brimblecombe, Norwich, U.K.) as well as non-target screening for organics (Francke, Hamburg) were treated. In 36 oral presentations these topics were found back together with many applications in the field of air, water and soil pollution analysis for heavy metals, challenging organics such as hormone residues and bio-substances. On the connecting floor in the buildings 97 posters

were on display and the authors discussed works on progress in analytical methodology such as X-ray spectrometry methods, speciation by coupling chromatography to spectroscopy, aerosol sampling and analysis, water analysis both for heavy metals and organics in the two afternoon poster sessions on June 6 and 7. The R.W. Frei Award for the best poster was presented to Dr. U. Fittschen (University of Hamburg).

On the evening of June 5, the general assembly of the International Association for Environmental Analytical Chemistry (IAEAC), who organized together with the Research Group Analytical Chemistry in the Department of Chemistry at the University of Hamburg the ISEAC34, took place under the chairmanship of Professor Dieter Klockow, the President of IAEAC and on Wednesday afternoon Thermo Electron organized a workshop with a presentation of its programme in the field of instrumental environmental analysis methods.



Participants of the ISEAC34 during the Reception in the “Kaisersaal” of the City Hall of Hamburg



Conference evening with buffet on the river Alster

On the evening of June 6, a reception by the Senate of the “Freie and Hansestadt Hamburg” took place in the “Kaisersaal” of the City Hall of Hamburg and on June 7 the conference community with splendid weather enjoyed a boat trip with buffet on the river Alster. The conference was finished on June 8 with the announcement that the next ISEAC will be held in Gdansk (Poland) in 2008. It is intended to publish the contributions of ISEAC34 after peer reviewing in the International Journal of Environmental Analytical Chemistry.

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