

Report from the Analytical Electrochemistry Division on Activities during 2008

Divisional Officers

Chair: G. Inzelt (Eötvös Loránd University, Budapest, Hungary)

Past Chair: P. Unwin (University of Warwick, UK)

Chair Elect: S. Daniele (University of Venice, Italy)

Vice-Chairs: Z. Gao (Singapore) and L. Muresan (Babes-Bolyai University, Cluj, Romania)

In the 2008 Spring Meeting, Foz do Iguaçu, Brazil a special aspect of analytical electrochemistry “Environmental analytical electrochemistry: monitoring the planet” was discussed.

The Division was involved in the organization of the Annual Meeting 2008 in Sevilla. György Inzelt, Salvatore Daniele, Hasuck Kim, Patrick Unwin, José M. Pingarron and Agustin Costa has taken part in the organization of the symposium entitled “Electroanalytical Chemistry at the Nanoscale” This symposium (Symp.3), which covered the most important fundamental and applied achievements in analytical electrochemistry including biosensors with the emphasis focused on the use of nanomaterials and nanotechnology, was very successful due to the outstanding lecturers among others D. Arrigan, M. Oyama, J. Wang, H. Kim, G. Denuault, S. Daniele, K. Tóth, D. Mandler, A. Karyakin, T. Matsue, C. Kranz, A. Downard. Topics included but were not limited to: Developments in imaging techniques for electroanalysis (STM and AFM applied to electrochemical systems and scanning electrochemical microscopy), Designer nanostructured materials/interfaces for electroanalysis (polymer films, nanoparticles and nanotubes), Developments in massively parallel electroanalytical methods, Techniques for ultra-trace analysis of ultra-small volumes – towards the analysis of a small number of molecules or single molecules, Bioanalysis: from single cells to single molecules, Nano biochips, Electroanalysis of nanocrystal/microcrystals. After the first, very pleasant and useful division meeting/reception the next one was organized in Seville where the most important issues on the activity of Division were discussed.

We have suggested topics for the Beijing Meeting that will be held in 2009, and proposed Profs. Daniele and Gao as the representatives of the Division.

Prof. Inzelt chaired the Committee of the Oronzio and Niccolo De Nora Prize on Environmental Electrochemistry.

During 2008, the Division provided sponsorship including/ not including financial support to the organisers of the following meetings:

1. ESEAC 2008, 600 euro
2. REMSEA 2008, Singapore, 900 euro
3. RSE-SEE, Rovinj, Croatia
4. Electrosymp 08, Belville, South Africa 900 euro
5. DM-Elante-2008, Munnar, India
6. Electrochemistry 2008, Giessen, Germany
7. 2009 ECHEMS meeting, Weingarten, Germany, 500 euro
8. 12th Annual Meeting of the Israel Analytical Chemical Society, 2009

The chairperson of the Division has been in permanent contact with the members by using the Officer's gateway. Among others he asked the opinion of the members concerning the election of the new chair-elect and about the topics of the next meetings.

At the end of the year new chair-elect and two new vice-chairs were elected. It is my pleasure to announce that Alan Bond will be the chair-elect and D. Mandler and C-S. Toh will serve as vice-chairs for the period 2009-2010.

György Inzelt Chair, Division 1