

Report from the Analytical Electrochemistry Division on Activities during 2007

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The Division had a very successful symposium (Symposium 6: Electroanalysis and Electrochemical Sensors) in Banff and at the first time a very pleasant and useful division meeting/reception. Different topics, among others the improvement of the divisional activity, the organization of annual meetings, spring meetings, sponsoring conferences have been discussed. A poster prize for the best poster at the annual meetings has been proposed for which the necessary steps have been initiated.

2008 Spring Meeting, Foz do Iguaçu, Brazil will discuss a special aspect of analytical electrochemistry "Environmental analytical electrochemistry: monitoring the planet"

The Division is involved in the organization of the Annual Meeting 2008 that will be held in Sevilla. György Inzelt, Salvatore Daniele, Hasuck Kim, Patrick Unwin, José M. Pingarron and Agustin Costa has been taking part in the organization of the symposium entitled "Electroanalytical Chemistry at the Nanoscale" This symposium is aimed at presenting the most important fundamental and applied achievements in analytical electrochemistry including biosensors with the emphasis focused on the use of nanomaterials and nanotechnology. Topics will include but are 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

During 2007, the Division provided sponsorship including financial support to the organisers of the following meetings:

1. Third ISEAC Triennial International Conference on Electroanalytical Chemistry and Allied Topics (ELAC-2007), Shilongbagh, Shimla, India (March 2007). All areas belonging to Division 1 were on the agenda of the conference. Participants were mostly from India, however, speakers from different countries were also invited. Publication cost and travelling expenses of the participants were covered by the financial support from the budget of Division 1.

2. Electrochemistry and Self-Assembly for Nanomaterials (ESA-NANO), Namur, Belgium (August 2007). This conference addressed the strong relationship between electrochemistry and electroanalytical chemistry and the field of nanomaterials. It was organized in collaboration by Ecole Normale Supérieure de Paris and the Laboratoire de Chimie et d'Electrochimie des Surfaces, University Namur. It was also a special opportunity to acknowledge Israel Rubinstein's scientific achievements in the field of electrochemistry and self-assembly which he pioneered on the occasion of his 60th birthday. The number of participants was about 150.

3. Electrochem 2007, London, UK (September 2007). One of the main themes was Bio and Electroanalysis. The top experts have been invited as plenary lecturers. Faraday Lecture was delivered by Christian Amatore. 200 participants mostly from Europe and U.S.A. The

financial support was used for travelling expenses of speakers from the former Soviet Union, and offset registration fees for invited speakers.

3. Electrochemistry and Self-Assembly for Nanomaterials (ESA-NANO), Namur, Belgium (August 2007).

György Inzelt

Chair, Division 1