

Report from the Analytical Electrochemistry Division on Activities during 2009

Divisional Officers

Chair: S. Daniele

Past Chair: G. Inzelt

Chair Elect: A. Bond

Vice-Chairs D. Mandler and C-S. Toh

The Division was involved in the organization of the Annual Meeting 2009 in Beijing (China). Xinghua Xia, Salvatore Daniele, Zhiqiang Gao and Baohong Liu have taken part in the organization of the symposium entitled “**Electroanalysis and Electrochemical Sensors**” This symposium (Symp.3), which covered the most important fundamental and applied achievements in analytical electrochemistry, including biosensors, focused on the use of nanomaterials and nanotechnology.

The Division was also involved in the organisation of Annual Meeting 2010 in Nice (France). Division 1 proposed to the local organisers many symposia, most of them co-sponsored by other Divisions. Topics suggested were the following: Electrochemistry at local scale; Surface Functionalization; Water and Analytical Electrochemistry; Porous materials for Application in sensors; Environment, Water and Analytical Electrochemistry; In vivo Sensing: Perspectives and problems; Electrochemistry in ionic liquids.

Details of the above symposia including the members of Division 1 involved as organisers are given below:

Symposium 1- Electrochemistry and ionic liquids - Organizers from division 1: A. Bond and Dr. Jie ZHANG (IBN, Singapore) and from LOC: Corinne Lagrost and Didier Devilliers.

Symposium 2- Environment, Water and Analytical Electrochemistry - Organizers from division 1: C-S Toh and S.Daniele, from LOC Nicole Jaffrezic et Hubert Perrot

Symposium 11- Sensors and biosensors, (Co-sponsored with division 1, 2 and 4),

Fred Lisdat is the organizer for division 1, Wolfgang Schuhmann is the organizer for division 2, Alexander Vaskevich is the organizer for division 4 and from LOC: A. Walcarius et F. Bédioui.

Symposium 12- Electrochemistry on local scale (Co-sponsored with division 1, 4, 6 and 7). D. Mandler is the organizer for division 1, G. Wittstock is the organizer for division 4, Kei Murakoshi is the organizer for the division 7, and from LOC: V. Vivier and E. Maisonhaute.

Symposium 13- Surface Functionalization (Co-sponsored by division 1 and 4) G. Inzelt is the organizer for division 1. Roberto Salvarezza is the organizer for division 4, and from LOC: Gérard Bidan and Jean Christophe Lacroix.

Prof. Daniele is involved in the Committee of the Oronzio and Niccolo De Nora Prize on Environmental Electrochemistry.

During the 60th Annual Meeting of ISE, Division 1 organised division meeting/reception, where the most important issues on the activity of Division were discussed. The draft of the minute of the meeting is attached in Appendix.

During 2009, the Division provided sponsorship including/ not including financial support to the organisers of the following meetings

- Biophysics & Bioelectrochemistry for Medicine (BBM) (No)
- 10th International Symposium on Kinetics in Analytical Chemistry ((Yes, 400 €)
- Conservation of Archaeological and Historic Metallic Artefacts: The need for Electrochemical Techniques CAHM (Yes, 600€)
- Modern Electroanalytical methods 2009 (MEM09) (Yes, 500 €)
- First Regional Symposium on Bioelectrochemistry (FRSB)
- Isranalytica 2010 (Yes with no funds)
- 6th Workshop on Scanning Electrochemical Microscopy (SECM-2010) (Yes, 500 €)

The chairperson of the Division has been in permanent contact with the members by using the Officer's gateway and e-mails.

Salvatore Daniele
Chair, Division 1

Appendix

Division 1 meeting in Beijing

Division meeting commenced at 1 pm after lunch in meeting room.

Daniele, Division Chair introduced the names of past Chair, Chair-elect and Division 1 officers and gave a brief account of Division 1 developments last year. Division has sponsored the following several meetings (5 + 1 satellite meeting at Nice), some of which were also co-sponsored by other Divisions.

Daniele described the discussion carried out during previous division meeting in Seville, concerning the upcoming annual meeting in Nice. It was suggested then that there can be more symposia co-sponsored by various divisions. Daniele highlighted that 2 topics will be sponsored by division 1 (Ionic liquid and water, environment chemistry) and 1 co-sponsored (sensors, biosensors), at the Nice conference

The meeting was then opened to all for further discussion on the Nice conference. Mandler raised concern that the symposia topics at Nice are cross-disciplinary and so do not clearly reflect individual divisional area of interest/expertise. These may have side effects that members cannot identify with divisions hence may not be interested to join division level activities.

Bond suggested a smaller number of symposia is likely more appropriate as compared to present no. of 15. He also suggested having division activities during meeting.

Brett suggested giving division awards, but cautioned against making topic too division-centered since this is an issue of conference for all vs division interest.

Toh suggested plenary speakers with division focused topics.

XX asked concerning special issue of meeting and if all are invited to submit papers.

YY mentioned some issues which were already raised by others present.

Meeting closed at abt. 1.30 pm.