

Report on the 12th Topical Meeting, March 17 – 21, 2013, Bochum, Germany

The 12th Topical meeting of the International Society of Electrochemistry was held jointly with the XXII International Symposium on Bioelectrochemistry and Bioenergetics of the Bioelectrochemical Society (BES) at the Ruhr-University in Bochum Germany, from 17th to 21st of March, 2013.

The duration was one day longer than for a typical topical meeting allowing to cover all aspects of bioelectrochemistry in 8 sub-symposia including the symposium *on the occasion of the 80th birthday of Prof. Adam Heller* organized by Woonsup Shin and Wolfgang Schuhmann, symposia *on protein electrochemistry* organized by Lo Gorton and Ana Maria Oliveira-Brett, *on electroporation and biomedical applications* organized by Eberhard Neumann and Damijan Miklavcic, *on the design of the interface between biological recognition elements and electrodes including new tools and measuring techniques* organized by Nicolas Plumeré, *on bioassays, biochips, biosensors: new developments and applications* organized by Magdalena Gebala and Fred Lisdat, *on enzymatic and microbial biofuel cells* organized by Lo Gorton and Renata Bilewicz, *on interdisciplinary bioelectrochemistry. hyphenated techniques and impact from other fields on bioelectrochemistry* organized by Gunther Wittstock and Alexander Kuhn, and *on electrochemistry at cells and tissues* organized by Renata Bilewicz and Pawel Krynski. About 100 oral presentations more than 100 poster presentations provided a high-level insight into all aspects of bioelectrochemistry. The program started with the Giulio Milazzo Prize lecture given by James Weaver entitled “*An Approach to Understanding Electromagnetic Field Effects in Living Cells*” and with the Luigi Galvani Prize lecture held by Christophe Léger entitled “*Introduction to direct electrochemistry for probing molecular aspects of biological catalysis*” followed by a welcome reception. Four outstanding plenary lectures started the scientific program of the following 4 days held by Adam Heller (*Searching for Nature’s Truths and Life-Improving Products*), Fraser Armstrong (*Fundamental Insights from Enzyme Electrocatalysis*), Eberhard Neumann (*Thirty Years of Membrane Electroporation - Evolution of a Concept for Gene Electro-Transfer up to Clinical Tumour Curing*) and Justin Gooding (*Shining Light on Electrodes for Bioelectronic Applications*). The program was continued in 3 parallel sessions with numerous keynote lectures, invited oral presentations and contributed oral presentations. On Monday and Wednesday two poster sessions were held including wine, beer and food while the posters were put up during the entire duration of the conference. On Tuesday afternoon, despite bad weather, an excursion brought all participants to the world heritage site “Zeche Zollverein” where we had later also the banquet giving the framework for the poster prizes sponsored by the rector of the Ruhr-University Bochum, a nice dinner and later dancing until late.

We would like to thank all participants for the excellent scientific contributions, the nice and friendly atmosphere. And we would like to thank all those who contributed to the success of the meeting specifically the local organizers, the international organizing committee, the symposia organizers, the student helpers, the ISE office and the companies participating in the exhibition.

on behalf of the organizing committee
Wolfgang Schuhmann