

Muenster, December 30, 2009

Report on divisional activities in 2009:
Division 3 « Electrochemical Energy Storage and Conversion »

1) Division Officers for 2009 and 2010

Chair: **Martin Winter** (Germany)
Chair Elect: **Elzbieta Frackowiak** (Poland)
Immediate Past Chair: **Marina Mastragostino** (Italy)
Vice- Chairs: **Robert Kostecki** (USA) and
Kwang-Bum Kim (Korea)

2) Annual Meetings

59th ISE Meeting, September 7 to 12, 2008, Seville, Spain

Division 3 sponsored Symposium 8

“Electrochemical Energy Conversion and Storage”

Symposium Organizers:

Nicolas Alonso-Vante, University of Poitiers, France,
Ernesto Rafael González, Institute of Chemistry of Sao Carlos, Brazil,
Rüdiger Kötz, Paul Scherrer Institute, Villigen, Switzerland,
Claude Lamy, University of Poitiers, France,
Günther Scherer, Paul Scherrer Institute, Villigen, Switzerland

60th ISE Meeting, August 16-21, 2009, Beijing, China

Division 3 sponsored Symposium 5

“Electrochemical Energy Conversion and Storage”

Symposium Organizers:

Yongyao Xia, Fudan University, China
Kwang-Bum Kim, Yonsei University, Korea
Minoru Inaba, Doshisha University, Japan
Marina Mastragostino, Università di Bologna, Italy

With 138 talks, 202 posters, thus overall 340 presentations, the symposium of division 3 was the most popular.

61st ISE Meeting, September 26- October 1, 2010, Nice, France
Division 3 sponsors 3 symposia:

Symposium 4

“Electrochemical Energy Conversion and Storage”

Symposium organizers:

Martin Winter, University of Muenster, Germany

Deborah Jones, CNRS and University of Montpellier 2, France

Elzbieta Frackowiak, Poznan University of Technology, Poland

Christophe Coutanceau, University of Poitiers, France

Symposium 14

“Enzymes and Microbes for Energy Production in Biofuel Cells and Microbial Fuel cells”

Symposium organizers:

Frédéric Barrière, Université de Rennes 1, France

Alain Bergel, CNRS Toulouse, France

Evgeny Katz, Clarkson University, Potsdam, USA

Martin Winter, University of Muenster, Germany

Symposium 15

“Physical Modeling and Simulation of Electrochemical Processes in Fuel Cells”

Symposium organizers:

Alejandro A. Franco, CEA, Grenoble, France

Kourosch Malek, NRC-IFCI, Vancouver, Canada

Yann Bultel, Clarkson University, Potsdam, USA

Elzbieta Frackowiak, Poznan University of Technology, Poland

3) Sponsored Meetings:

In general, it is the division policy to (formally and/or financially) sponsor events dealing and promoting the various research fields of “Electrochemical Energy Conversion and Storage”. Financial support is in particular given to those meetings offering special meeting events, such as poster awards, exhibitions, etc. where the sponsoring of ISE division 3 finds particular attention. The motivation letter for the sponsoring request is decisive.

In addition to the Annual Meeting division 3 decided to sponsor the following meetings (based on the requests forwarded to division 3) in 2009:

- International Symposium on Electrochemistry for Energy Conversion and Storage (ICEES), Wuhan, China, 22-25 August 2009.
- 2009 ISE Spring Meeting , Szczyrk, Poland, 18-21 March, 2009.
- 5th International Fuel Cell Workshop 2009 (IFCW), Yamanashi, Japan 22-24 August 2009.
- First International Symposium on Enhanced Electrochemical Capacitors (ISEE'Cap09), Nantes, France, 29 June – 2 July 2009.
- 4th International Conference on Polymer Batteries and Fuel Cells (PFBC2009), Yokohama, Japan, August 2-6, 2009.

- International Fischer Symposium, Main Topic 2009: “Electrochemistry and Microscopy” (IFS2009), Benediktbeuren, Germany, 26-31 July 2009.
- 12th International Symposium on Polymer Electrolytes, Padova, Italy, 29 August – September 3, 2010.

Two further requests for sponsoring are under consideration.

- Progress in MEA components for Medium and High Temperature Polymer Electrolyte Fuel Cells, La Grande Motte, France 19-22 September 2010.
- 2010 International Conference on Advanced Capacitors, Kyoto, Japan, 31 May 2010 – 2 June 2010.

- 4) Get-together/Networking: Starting with the ISE Annual Meeting in Banff in 2007, division 3 has started to organize an informal get-together for division members.

In Beijing in 2009, there was joint division luncheon chaired by Elzbieta Frackowiak. A general concern expressed during luncheon was the improvement of communication between division members and division chairs. A letter was sent out to all division members including all e-mail addresses of all chairs to enhance communication.

Networking activities are planned to be continued for the following meetings.

Martin Winter

(on behalf of ISE division 3)