

ISE Report 2006

Activities of Division 3

Electrochemical Energy Conversion and Storage

◆ *Topics*

Main topics of Division 3 are fuel cells, batteries and capacitors; thermodynamics and kinetics of related interface processes; characterisation and development of materials and components; design and diagnostics of cells; engineering aspects of systems.

◆ *New Division officers for 2007*

Chair: Marina Mastragostino (Italy), Chair Elect: Martin Winter (Austria), Immediate Past Chair: Claude Lamy (France).

Vice-Chairs: Robert Kostecki (USA) and Kwang-Bum Kim (Korea).

The newly elected division officers (see above) took office from January 1st, 2007.

◆ *Division Membership*

Number of members: 597 (+28).

The country repartition of the members is the following: Japan 71 (+3), USA 58 (+5), Korea 56 (+7), China 39 (+10), UK 33 (+13), Italy 32 (+1), Germany 32 (+2), France 27 (+3), Spain 23 (+2), Switzerland 16 (+2), Canada 14 (-3), Brazil 12 (-2), Russia 12 (-2), Venezuela 10, Iran 9, Poland 9, Sweden 9, Ukraine 9, Argentine 8 (+0), Serbia 8, Taiwan 8, Bulgaria 7, Croatia 7, Norway 7, Romania 7, Czech Republic 6, Estonia 6, Mexico 6, India 5, Lithuania 5, Australia 4, Austria 4, Hungary 4, etc.

◆ *Activities at Annual Meetings*

Annual 2006 ISE Meeting, August 27th - September 1st, Edinburgh, UK.

Division 3 participated actively in the organization of Symposium 1 "Batteries and Supercapacitors" (John Owen and Pietr Novák).

◆ *Current activities for the future meetings*

Annual 2007 ISE Meeting, September 9th to 14th, Banff, Alberta (Canada).

Division 3 will participate actively in the organization of Symposium 2 "Energy Storage and Energy Conversion systems" (Rüdiger Koetz, Minoru Inaba and Marina Mastragostino).

◆ *Special ISE meetings sponsored by Division 3*

Division 3 sponsored part of the travel expenses of Dr. Clare Grey, State University of New York, to participate in the 2006 Meeting in Edinburgh, as an invited Keynote Speaker in Symposium 1 "Batteries and Supercapacitors".

Division 3 will sponsor in 2007 the following Meetings:

ICTP Conference

"From Physical to Novel Architectures of Fuel Cells"

Organizers : Michael Eikerling and Alexis Kornishev

21-25 May, 2007, Trieste, Italy.

ICAC 2007

"International Conference on Advanced Capacitors"

Organizers : Wataru Sugimoto

28-30 May, 2007, Kyoto, Japan.

◆ Awards

An award committee for the Oronzio De Nora Foundation Prize of ISE on Electrochemical Energy Conversion, an ISE award of Division 3, was nominated.

We received 4 qualified applications and we selected by a clear voting **Prof. Kyung-Won Park**, *Soongsil University*, Republic of Korea. He will receive his award in Banff during the Annual ISE Meeting in September 2007.

Claude LAMY, Professeur, Chairman of Division 3

Equipe " Electrocatalyse "

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