

6th International Symposium on New Materials for Electrochemical Systems

<http://newmaterials.congresbcu.com>

July 09 - 12, 2006
Montréal, Canada

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D. Wilkinson (Canada)
M. Yamashita (Japan)
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CALL FOR PAPERS

Over 175 delegates from twenty countries and many disciplines met in Montreal from July 6-11, 2003, for the 5th International Symposium on New Materials for Electrochemical Systems.

The 6th International Symposium continues this tradition to survey the advances made in the development of New Materials for Electrochemicals systems. It will be held July 09-12, 2006 in **Montréal, Canada**. Papers dealing with the following topics will be considered:

- Fuel Cells
- Advanced Primary and Secondary Batteries
- Electrochemical supercapacitors
- Electrolytic and Electrosynthesis Systems
- Sensor Systems
- Photoelectrochemical systems
- Elaboration and Characterization
- Systems Integration
- Commercial Aspects

Some of the invited speakers and the tentative title of their presentation are:

Advantageous Fuel Cell Catalysts from Colloidal Nano-metals

Prof. H. Boennemann, Forschungszentrum Karlsruhe, Germany

Electrodeposition of Lead Dioxide: Fundamental Aspects and Applications

Prof. D. Devilliers, Université Pierre et Marie Curie, France

Size and Support Effect in the Catalysis by Gold Nanoparticles

Dr. M. Haruta, Tokyo Metropolitan University, Japan

Mechanism of Proton Transport in Polymer Electrolyte, Membranes

Dr. A. Kornyshev, Imperial College, U.K.

Nano-materials for Use in Lithium Rechargeable Batteries.

Prof. H. K. Liu, University of Wollongong, Australia

Preparation and Online Measurement of New Materials for Electrochemical Energy Conversion Systems

Prof. Z. F. Ma, Shanghai Jiaotong University, P. R. China

Status on DMFC Development at Dupont

Dr. R. G. Rajendran, Dupont, USA

Understanding Multiphase Boundaries in Batteries and Fuel Cell Electrodes

Dr. W. Schnurnberger, Institut fuer technische Thermodynamik, Germany

How Measurement Tools, Ex-situ Tests and Modeling Accelerate Technology Development for PEMFCs

Dr. C. Stone, Ballard Power Systems, Canada

Materials Science Considerations for Fuel Cell Electrocatalysts

Dr. P. Stonehart, Stonehart Associates Inc., USA

Evolution of the Gas Diffusion Electrode Technology in PEM Fuel Cells

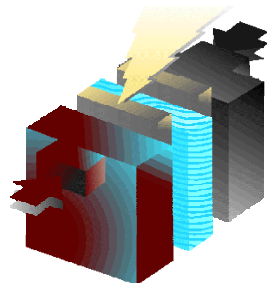
Prof. D. Wilkinson, University of British Columbia, Canada

The Effect of Microstructure & Components of Pt-based Electro-catalysts on the Performance of DAFC

Prof. Q. Xin, Dalian Institute of Physical Chemistry, P. R. China

New Materials 2006 Secretariat Bureau des Congrès Universitaires

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DEADLINES:

Extended abstract: **February 6, 2006 (Extended deadline)**
Notification of acceptance: **February 27, 2006**
Submission of full paper (for the Journal of New Materials for Electrochemical Systems): **June 1, 2006**
Early bird registration: **May 12, 2006**

PAPER SUBMISSION:

Participants wishing to contribute to the conference are kindly requested to send an extended abstract of two pages in PDF format to newmat@congresbcu.com. Please visit the conference website for information regarding the abstract formatting and the submission process.

When sending the extended abstract, those interested in presenting a paper should specify if they want presentation as a poster or at the podium. **For authors who are interested to submit their manuscript of the work presented at the symposium, the full paper must be submitted by June 1, 2006.**

EXTENDED ABSTRACTS AND FULL PAPER PUBLICATION:

The extended abstracts will be published in the Symposium Proceedings and will be available at the conference. Check the Symposium home page at <http://newmaterials.congresbcu.com> for further program details and "Instructions for authors" for the preparation of the extended abstracts and full papers. Full papers will be peer-reviewed and published in the Journal of New Materials for Electrochemical Systems within four months of acceptance.

TECHNICAL EXHIBITION AND SPONSORSHIP:

The 6th International Symposium on New Materials for Electrochemical Systems will also include an exhibition, featuring presentations and displays by manufacturers of systems, materials, instruments, publications of interest to Symposium attendees. People interested in exhibiting should contact the Symposium Secretariat or check the Symposium home page for the exhibition and sponsorship plans.

GENERAL INFORMATION

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