

7th International Symposium on New Nano Materials for Electrochemical Systems

<http://newmaterials.congresbcu.com>

June 24-27, 2008
Montréal, Canada

Organizing Committee

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École Polytechnique de Montréal
Canada

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CALL FOR PAPERS

Over 175 delegates from twenty countries and many disciplines met in Montreal from July 9-12, 2006, 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 Nano Materials for Electrochemicals systems. It will be held June 24-27, 2008 in **Montréal, Hotel Delta, Centre-Ville, Canada**. Papers dealing with the following topics will be considered:

- Fuel Cells
- Advanced Primary and Secondary Batteries
- Electrochemical super-capacitors
- Bio-electrochemical devices
- Sensor Systems
- Solar Cells
- Photo-electrochemical Cells
- Elaboration and Characterization

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

"High performance platinum and non-precious metal catalysts for PEM fuel cell application"

Dr R. Atanasoski, 3M Corporation, USA

"Soft Chemistry Routes to High Capacity Positive Electrode Materials for Li Batteries"

Dr . M. Armand, N. Recham and Dr. J-M. Tarascon, Université de Picardie Jules-Verne, FRANCE

"Biomimetic catalytic materials: Insights from ab initio studies"

Prof. P. Balbuena, Texas A&M University, USA

"Challenges and new trends in high temperature fuel cells"

Prof. M. Cassir, Ecole Nationale Supérieure de Chimie Physique, FRANCE

"Aging processes in PEMFCs"

Prof. J. Garche, Center for Solar Energy and Hydrogen Research Baden-Württemberg, GERMANY

"Composite electrodes for rechargeable Li batteries"

Dr D. Guyomard, Université de Nantes, FRANCE

"New Electrochemical sensors development"

Dr J. Inukai, University of Yamanashi, JAPAN

"Development of Non-Platinum Cathode for PEFC"

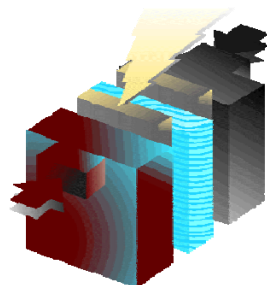
Dr .A. Ishihara, Yokohama National University, JAPAN

"Energy storage system integration for fuel cell electric vehicle"

Prof. Zi-Feng MA, Shanghai Jiaotong University, CHINA

New Materials 2008 Secretariat Bureau des Congrès Universitaires

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“ Development of supercapacitors based on carbon and/or Ru oxide materials”

Prof. Peter Pickup, Memorial University of Newfoundland, CANADA

"Hydrogen Storage via Physisorption"

Dr. L. Scanlon, Wright Patterson Air Force Base, USA

"Concepts of catalyst development"

Prof. U. Stimming, Technische Universitaet Muenchen, GERMANY

"The Role of Surface Morphology in Nano-catalyst Engineering"

Dr. Vojislav Stamenkovic, Argonne National Laboratory, USA

“Spectroscopy in Fuel Cell Catalysis Research”

Prof. A. Wieckowski University of Illinois, USA

"Evaluation of Degradation of PEFC"

Dr. Takao Watanabe, Central Research Institute of Electric Power Industry, JAPAN

“Advances in PEM Fuel Cells with Liquid Fuels”

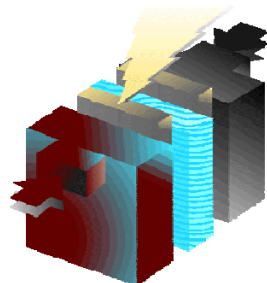
Prof. D. P. Wilkinson, University of British Columbia

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

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DEADLINES:

Extended abstract:	January 15, 2008
Notification of acceptance:	February 26, 2008
Submission of full paper (for the Journal of New Materials for Electrochemical Systems):	April 28, 2008
Early bird registration:	May 13, 2008

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. **A full paper must be submitted by April 28, 2008.**

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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