Dear Colleagues,

You are cordially invited to the ISE Sponsored Meeting: First International Workshop on Nano Materials for Energy Conversion and Fuel Cell (NMEC-1), which will be held in Ho Chi Minh City, Vietnam, August 21-22, 2012.

This workshop is organized to strengthen the ties between Vietnamese and international colleagues, and, at the same time, to foster a number of concrete research collaborations. The workshop will provide an interdisciplinary forum for the discussion of advances in the science and technology of energy conversion. For this year's workshop, we selected 'lithium battery and fuel cell', 'photovoltaics and dye-sensitized solar cell', and 'synthesis and application of nano catalytic materials in power source' as the main topics.

The workshop will be hosted by the University of Science (US-HCM), a member of Vietnam National University – Ho Chi Minh City (VNU-HCM). As a member of one of the two leading university networks in Vietnam, the US-HCM is a distinguished university in teaching and research activities. Among research variety, the developing sustainable and renewable energy is one of the most interested areas of scientists from Chemistry, Physics, Materials Science and Environmental Science Faculties of the US-HCM. We are focusing on both basic and applied research aspects of the related fields: energy conversion, materials science, catalytic chemistry, electrochemistry, nano chemistry and environmental chemistry.

The workshop program will provide a great opportunity for you to discuss the latest scientific and technical developments and to have a chance for some networking with the scientists and engineers from different countries.

Vietnam is a dynamic country that offers an unrivaled experience to international researchers and educators. The wonderful Ho Chi Minh City is suitable not only for high-level scientific discussions but also for relaxation and exploration of its history. The NMEC-1 Organizing Committee is looking forward to welcoming you in Ho Chi Minh City on August 21-22, 2012.

Best regards,

The Organizing Committee
First International Workshop on Nano Materials for Energy Conversion & Fuel Cell

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University of Science, VNU-HCM
Applied Physical Chemistry Laboratory, VNU-HCM

SPONSORS:
• International Society of Electrochemistry (ISE)
• Vietnam National University – Ho Chi Minh City (VNU-HCM)
• Vietnam National Foundation for Science and Technology Development (NAFOSTED)
• Ministry for Science and Technology (MOST), Vietnam
• Dry Cell and Storage Battery Joint Stock Company (PINACO)
**IMPORTANT DATES:**

- **01 March, 2012**  1st Announcement
- **30 April, 2012**  Deadline for abstract submission
- **15 May, 2012**  Notification of acceptance
- **30 June, 2012**  Deadline for manuscripts submission
- **30 July, 2012**  Registration Deadline

**WORKSHOP TOPICS:**

- Electrochemistry of catalysts – nano materials for energy conversion systems
- PEM fuel cells: electrolytes, stack components, components reliability, durability and water management
- Direct methanol/ethanol fuel cells
- High-temperature fuel cells
- Novel fuel cell concepts, stack architecture and advanced modelling
- Lithium and rechargeable batteries: electrode materials and electrolyte
- Nano materials for photovoltaic systems
- Dye-sensitized solar cell

**INVITED SPEAKERS:**

- **Elisabeth DJURADO**  
  Grenoble INP - PHELMA - UJF - CNRS (UMR 5279)-UDS, FRANCE
- **HO Sy Thoang**  
  Vietnam Academy of Science and Technology (VAST), VIETNAM
- **Yasuaki MAEDA**  
  Osaka Prefecture University, JAPAN
- **Torben LUND**  
  Roskilde University, DENMARK
- **NGUYEN Manh Duc**  
  CCFE, UNITED KINGDOM
- **Thierry PAGNIER**  
  Grenoble-INP, FRANCE
- **Bernadette SAUBAT**  
  Grenoble-INP, FRANCE
- **Nicolas SERGENT**  
  Grenoble-INP, FRANCE

**To be completed**
CALL FOR PAPERS

Abstract submissions are invited from authors of posters and oral presentations.

The abstract must be submitted electronically through the website before the abstract submission deadline of April 30, 2012.

It should be in English and should not exceed one page (including figures, tables and references).

After the approval of abstracts, the full papers must be submitted before the deadline of June 30, 2012.

A manuscript instruction is available on the official website: http://nmec.edu.vn

DATES

The Workshop will begin on Tuesday, August 21, 2012 with registration in the morning. The meeting will conclude in the afternoon on Wednesday, August 22, 2012.

On Thursday August 23, 2012 will be short courses on nano materials characterization and application in photovoltaics and in power sources.

WORKSHOP VENUE

NMEC-1 Workshop will take place at the Hall of University of Science, VNU-HCM, 227 Nguyen Van Cu, District 5, Ho Chi Minh City, Vietnam.

The University campus is centrally located in the beautiful and dynamic Ho Chi Minh City, and is only 20 minutes from Tan Son Nhat international airport.

CONTACT

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