

## Invited speakers

### Clean Energy Devices

#### **Professor Katsuhiko Naoi**

Division of Applied Chemistry

Tokyo University of Agriculture and Technology, Japan

*Recent Advances in Supercapacitors and High-Rate Nanoenergy Devices*

#### **Professor Francois Beguin**

CRMD – CNRS, France

*"Effect of Pore Size on the Performance of Nanocarbons for Supercapacitors"*

### Nanocarbons

#### **Dr. Kenji Hata**

Research Center for Advanced Carbon Materials

National Institute of Advanced Industrial Science and Technology

Japan

#### **Professor Malcolm I Heggie**

Department of Chemistry

University of Sussex, UK

*"Defects in carbon:*

*The trouble with perfect carbon is that it is apt to be dull"*

#### **Professor Max Lu**

ARC Centre for Functional Nanomaterials

The University of Queensland, Australia

#### **Professor Robert Hurt**

Brown University

Division of Engineering, USA

*"Carbon nanotubes "starve" cells by competitive adsorption of folate and other micronutrients from cell culture medium"*

**Professor Feiyu Kang**

Department of Materials Science & Engineering

Tsinghua University

Beijing 100084, China

**Professor Christian M. Lastoskie**

Department of Civil & Environmental Engineering

University of Michigan, USA

**Metal organic frameworks**

**Dr. Lucia Carlucci**

Dipartimento di Chimica Strutturale e Stereochimica Inorganica

Universita' di Milan

*"New building blocks for the synthesis of heterometallic porous*

*Metal-Organic-Frameworks for gas storage and catalytic applications "*

**Professor Makoto Fujita**

Department of Applied Chemistry

University of Tokyo Japan

*"Single-crystalline Flasks: Chemical Transformations in the Pore of Porous*

*Coordination Networks"*

**Professor Philip Llewellyn**

MADIREL Laboratory, University of Provence - CNRS

Centre de Saint-Jérôme - Marseille , France

**Professor K M Thomas**

Northern Carbon Research Laboratories

Department of Chemistry

University of Newcastle upon Tyne, UK

*"Hydrogen Adsorption on MOFs"*

**Nanoporous carbons and Characterization**

**Professor Alexander V. Neimark**

Department of Chemical and Biochemical Engineering

Rutgers, The State University of New Jersey, USA

*"The Role of Surface Roughness in Adsorption: Applications to Nanoporous Carbons".*

**Professor Peter Carrott**

Department of Chemistry

Évora University

Portugal

*"Modifying the Pore Size of Carbon Aerogels to be in the Range 1-5nm"*

**Professor F. Rodriguez-Reinoso**

Division de Quimica Inorganica

Universidad de Alicante, Spain

*"Self-sintering nanoporous carbons discs for sustainable chemistry"*

**Dr. M. Thommes**

Quantachrome Instruments, USA

**Professor Artur P. Terzyk**

N. N. Copernicus University

Materials Chemistry Adsorption and Catalysis, POLAND

*"Testing adsorption concepts and recovering of PSD and structure of carbons and carbon nanotubes from molecular simulations."*

**Professor L R. Radovic**

Department of Energy and Geo-Environmental Engineering

Pennsylvania State University, USA