



ERPOS-12

Electronic and Related Properties of Organic Systems

12th INTERNATIONAL CONFERENCE

July 11-13
Vilnius
LITHUANIA

The present ERPOS conference is the 12th in the series of international events devoted to the rapidly developing field of organic electronics and optoelectronics. The conference provides a forum for chemists, physicists and technologists to discuss innovative research and development in organic semiconductor materials and devices with special emphasis on their photophysical and electrical properties.

INVITED SPEAKERS

- ❖ **Karl Leo** *Fraunhofer Institut für Photonische Mikrosystem, Germany*
- ❖ **Rienk van Grondelle** *VU Universiteit, The Netherlands*
- ❖ **Ifor Samuel** *University of St Andrews, United Kingdom*
- ❖ **Marek Samoć** *Wroclaw University of Technology, Poland*
- ❖ **Gytis Juška** *Vilnius University, Lithuania*
- ❖ **Larry Luer** *Madrid Institute for Advanced Studies, IMDEA Nanociencia, Spain*
- ❖ **Dwayne Miller** *Max Planck Research Department for Structural Dynamics at the University of Hamburg, CFEL, Germany*
- ❖ **Mariarosa Antognazza** *Center for Nano Science and Technology, Politecnico di Milano, Italy*
- ❖ **Paul H.M. van Loosdrecht** *Zernike Institute for Advanced Materials, University of Groningen, The Netherlands*
- ❖ **Ivan Scheblykin** *Lund University, Sweden*
- ❖ **Boris Fainberg** *Holon Institute of Technology, Israel*
- ❖ **Clemens Simbrunner** *Institute of Semiconductor and Solid State Physics, Johannes Kepler University, Austria*
- ❖ **V. M. Kenkre** *University of New Mexico, USA*

CONFERENCE SCOPE

Systems:

- ❖ Macromolecules, supramolecules and polymers
- ❖ Molecular nanostructures, low-dimensional systems
- ❖ Fullerenes, carbon nanotubes, graphene
- ❖ Proteins, DNA, biomimetic materials
- ❖ Crystalline and amorphous molecular solids
- ❖ Interfaces and heterostructures

Properties:

- ❖ Photochemistry
- ❖ Energy and charge transfer
- ❖ Luminescence and electroluminescence
- ❖ Photoconductivity, photovoltaic effect and related electronic processes
- ❖ Optical nonlinearities, photo-induced transformations.
- ❖ Photo-controlled coherent phenomena
- ❖ Molecular modelling and quantum chemical methods

Applications:

- ❖ Molecular electronics and devices
- ❖ Data recording and storage
- ❖ Energy storage
- ❖ Sensors, actuators

INTERNATIONAL PROGRAMME COMMITTEE

- Leonas Valkūnas**, Lithuania
- Wolfgang Domcke**, Germany
- Rienk van Grondelle**, The Netherlands
- Vidmantas Gulbinas**, Lithuania
- Saulius Juršėnas**, Lithuania
- Karl Leo**, Germany
- Andrzej Miniewicz**, Poland
- Franco Nori**, Japan/USA
- Ronald Österbacka**, Finland
- Ifor Samuel**, United Kingdom
- Villy Sundström**, Sweden
- Juliusz Sworakowski**, Poland

IMPORTANT DATES

- Submission of abstracts
April 1, 2011
- Acceptance of abstracts
May 1, 2011

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