

Wednesday, August 9, 2006

9:00 – 18:00

Hall H

## **Special Focus Symposium on Nanotechnology and Nanoscience**

Chair: Dr. S. Santoli, Director,  
INT - International Nanobiological Testbed Ltd., (London), UK  
Via A. Zotti 86, I-00121 Rome, Italy

### **Introduction and Welcoming Address**

by Dr. S. Santoli, INT - International Nanobiological Testbed Ltd., London, UK

### **Application of Nanopulses in Bio-Informational Medicine**

by Prof. G. Lasker, President of the IIAS, University of Windsor, Canada

### **Prolegomena to the Use of Molecular Spatial Structures in Quantifier Calculus**

by Dr. A. G. Grappone, Ed. *Metalogicon*, an International Review, Rome, Italy

### **DNA/ Nanoparticle Conductance**

by Prof. W. Wenzel, Forschungszentrum Karlsruhe, Institut für Nanotechnologie,  
Karlsruhe, Germany,

### **Photoinduced Operation by Nanostructures**

by Prof. Ivan V. Kityk, Institute of Physics, University of Czestochowa, Poland

## **LUNCH BREAK 12:00 – 14:00**

### **Molecular Dynamics Simulation of the Formation of Nanoparticles**

by Dr. Th. Kraska, Institute für Physikalische Chemie, Universität Köln, Germany

### **Optically Induced Effects in ZnO Nanocrystallites on Different Substrates**

by Dr. K. Ozga and Dr. A. Slezak, Institute of Biology and Biophysics,  
Technical University of Czestochowa; Poland, and  
by Prof. I. V. Kityk, Institute of Physics, J. Dlugosz University of Czestochowa, Poland.

### **Information Hierarchical Dynamics for Nanointegrated Structure-Function Architecture**

by Dr. S. Santoli, INT - International Nanobiological Testbed Ltd., (London), UK

## **POSTER SESSION**

### **Cluster Origin of the Transfer Phenomena of Single-Wall Carbon Nanotubes.**

by Prof. F. Torrens<sup>1</sup> and Prof. G. Castellano<sup>2</sup>,

<sup>1</sup>Institut Universitari de Ciència Molecular, Universidad de València; Facultad de Ciències Experimentales; <sup>2</sup>Universidad Católica de València, Spain