

UNIVERSITY OF CRETE
Department of Materials Science and Technology

Colloquia 2007-2008

Held Fridays 4 pm,
Seminar Room Third Floor, Physics Building, Voutes

- | | |
|-------------|---|
| 19 October | U. Jonas , Max-Planck Institute for Polymer Research,
Mainz, Germany
<i>Building Structural Hierarchies with Colloidal Particles</i> |
| 26 October | V. Koutsos , University of Edinburgh, UK
<i>Polymers on Surfaces Studied by Atomic Force
Microscopy</i> |
| 2 November | J. G. K. Dhont , Forschungszentrum Juelich, Germany
<i>Non-Equilibrium Phenomena in Colloidal Systems: Shear
Banding and Thermo-Diffusion</i> |
| 16 November | J. A. Tsamopoulos , University of Patras
<i>Use of Advanced Computational Methods in the
Analysis of Flows with Moving Interfaces</i> |
| 30 November | D. N. Theodorou , NTU Athens
<i>Computer Simulations of Polymeric Materials:
Meeting the Challenge of Long Time Scales</i> |
| 7 December | M. Vamvakaki , University of Crete and FORTH-IESL
<i>Responsive Polymeric Nanomaterials: Synthesis and
Characterization</i> |
| 15 February | C. Galiotis , University of Patras and FORTH-ICE/HT

<i>Using Molecular Spectroscopy for Micro (and Macro)-
Mechanical Measurements</i> |
| 29 February | S. Kalliakos , University of Crete
<i>Electronic Correlations in Nanofabricated Semiconductor
Quantum Dots</i> |
| 14 March | A. Tserepi , NRCPS Demokritos, Athens |

*Microtechnology for the Fabrication and Liquid Transport
in Microfluidic Devices*

- 28 March **Ch. Mathioudakis**, University of Crete
*Tight-Binding Molecular Dynamics: Studies on Amorphous
and Nanostructured Carbon Networks*
- 4 April **D. Papazoglou**, University of Crete and FORTH-IESL
*Dynamics of ultrafast laser induced modifications in fused
silica. From electronic excitation to permanent structures*
- 18 April **A. Economou**, FORTH-IMBB and University of Crete
*Protein Secretion: From the Molecular Mechanism to
Nanotechnology*
- 9 May **P. Savvidis**, University of Crete and FORTH-IESL
*Novel Ultralow Threshold Microcavity Exciton-
Polariton Lasers*
- 16 May **A. Barzilai**, Tel-Aviv University, Israel
The use of biomaterials for optic nerve regeneration
- 23 May **S. Tzortzakis**, FORTH-IESL
*Nonlinear Propagation Phenomena of Intense
Femtosecond Laser Pulses in Transparent Media*
- 20 June **A. Hatton**, MIT, USA
*Magnetic Nanoparticles in Chemical, Biological and
Environmental Applications*