

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

*Using Molecular Spectroscopy for Micro (and Macro)-
Mechanical Measurements*
- 29 February **S. Kalliakos**, University of Crete
*Electronic Correlations in Nanofabricated Semiconductor
Quantum Dots*
- 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*