



NANOTECHNOLOGY RESEARCH CENTER
"HEPHAISTOS"
University of Cyprus - School of Engineering



US-CYPRUS COLLABORATION IN NANOTECHNOLOGY SYMPOSIUM

*University of Cyprus – Central/Old Campus
Tuesday, February 3, 2009 – 3:00-9:00 pm
Chair: Prof. Haris Doumanidis, UCY*

PROGRAM

- 3:00-5:30 Cyprus Nanotechnology Session (Ceremony Room, Central/Old Campus)
Moderator: Prof. *Haris Doumanidis* (Interim Director, Hephaistos NanoTech Res. Center)
- 3:00-3:05 Address by Mr. *James Carouso* (Economic Section Chief, Embassy of the USA)
- 3:05-3:10 Address by Prof. *Stavros Zenios* (Rector, University of Cyprus)
- 3:10-3:15 Address by Ms. *Anita Eisenstadt* (Senior Foreign Affairs Officer, Dept of State)
- 3:15-3:30 Mr. *W. Edward Johansen* (California Research & Education Network, CENIC)
How Nanotechnology Research and Education Networks Promote Communications and Collaboration among Scientists and Engineers of Cyprus and the United States
- 3:30-3:45 Dr. *Geoffrey Prentice* (Program Manager, OISE, National Science Foundation)
Nanoscale Science and Engineering at NSF: Opportunities for Collaborative Work
- 3:45-4:00 Dr. *Leda Skoufari* (Nanotech Scientific Officer, Research Promotion Foundation)
Funding opportunities for Nanotechnology Research in Cyprus
- 4:00-4:15 Dr. *Richard A. Johnson* (Senior Counsel, Arnold & Porter)
Creating the Policy Framework to Realize the Promise of Nanotechnology
- 4:15-4:30 Prof. *Claus Rebholz* (Mechanical & Manufacturing Eng, University of Cyprus)
Nano-Heaters: Collaborative Research between Cyprus and US Universities
- 4:30-4:45 Dr. *Kos Galatsis* (Executive Director, Nanoelectronics WIN & FENA Centers, UCLA)
Nanoelectronic Research and Development in the USA
- 4:45-5:00 Prof. *Stelios Choulis* (Dept. of Mech & Matls Sci.& Eng, Cyprus Univ. of Technology)
Molecular Opto-Electronics: Recent Progress and Stimulating Future Challenges
- 5:00-5:15 Dr. *Alex Shailos* (Technical Director, Center for Quantum Research, CNSI, UCLA)
Experimental Transport Phenomena of Mesoscopic Systems
- 5:15-5:30 Prof. *Haris Doumanidis* (Marie Curie Chair, UCY)
Nanotechnology Research in Cyprus
- 5:30-6:00 Coffee break (foyer of Ceremony Room)
- 6:00-8:00 Videoconference Nanotechnology Session (Videoconferencing Room EB107)
Moderator: Dr. *Alex Shailos* (Technical Director, CQUARE, CNSI, UCLA)
- 6:00-6:05 Address by Mr. *Charis Charalambous* (Chairman of the Board, Univ. of Cyprus)
- 6:05-6:20 Prof. *Nicolas G. Hadjiconstantinou* (Dept. of Mechanical Engineering, MIT)
Modeling and Simulation of Nanoscale Transport
- 6:20-6:35 Prof. *Thomas Webster* (Div. of Engineering and Orthopaedics, Brown University)
Nanotechnology for Treating Damaged Tissues: Hype or Reality?
- 6:35-6:50 Prof. *Matthew J. Gilbert* (Dept. ECE, University of Illinois Urbana-Champaign)
Multilayer Graphene Heterojunctions for Post-CMOS Logic

- 7:50-7:05 Prof. *Marios Demetriou* (Senior Research Fellow, Mat. Sci. Dept, Caltech)
Metals with amorphous atomic structures and unique micro- and nano-forming capabilities
- 7:05-7:20 Dr. *Ajey Jacob* (Research Scientist, Intel Corp.)
Title: TBA
- 7:20-7:35 Dr. *Robert Rudnitsky* (Department of State)
Title: TBA
- 7:35-8:00 *Conclusions-Roundtable Panel*
- 8:00-9:00 Networking Reception with Lab Tours (foyer of Ceremony Room – Labs A062, A063, GP08)