CURRICULUM VITAE

Christos Pandis

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EDUCATION

- Ph.D. in Polymer Science, National Technical University of Athens, Athens, Greece, (2010)
- M.Sc. in Nanotechnology, National Technical University of Athens, Athens, Greece (2005)
- B.Sc. in Physics University of Athens, Greece (2003)

PROFESSIONAL EXPERIENCE AND APPOINTMENTS

05/2015 – present:	Associate Researcher, Theoretical and Physical Chemistry Institute, National Hellenic Research Foundation, Greece
03/2014 – 04/2015:	Research Fellow, Physics Department, School of Applied Mathematics and Physics, National Technical University of Athens, Greece
03/2012 – 03/2014:	Research Fellow, Centre for Biomaterials and Tissue Engineering, Polytechnic University of Valencia, Spain
04/2010 – 03/2012:	Postdoctoral Researcher, School of Applied Mathematics and Physics, National Technical University of Athens, Greece
2005 – 2009:	Research and Teaching Assistant, School of Applied Mathematics and Physics, National Technical University of Athens, Greece

MAIN RESEARCH INTERESTS

- Conducting polymers and nanocomposites for sensor applications
- Structural health monitoring of polymer composites
- Biomaterials for biomedical applications
- Hydration properties of hydrogels and hybrid materials
- Dielectric/electrical properties of polymers and polymer nanocomposites

EXTERNAL FUNDING

General Secretariat for Research and Technology

TEACHING EXPERIENCE

Laboratory exercises (NTUA) 2005-2008
Guidance of 5 diplomas, 3 MSc, 2PhD theses supervised by Prof. P. Pissis
Guidance of 2 diploma and 1 MSc theses supervised by Prof. J.L. Gómez Ribelles

SELECTED PUBLICATIONS

1) C. Pandis, S. Trujillo, J. Matos, S. Madeira, J. Ródenas Rochina, S. Kripotou, A. Kyritsis, J.F. Mano, J.L. Gómez Ribelles, *Porous polylactic acid – silica hybrids: Preparation, characterization and study of mesenchymal stem cell osteogenic differentiation*, Macromolecular Bioscience.15(2), 262-74. 2015.
2) C. Pandis, S. Madeira, J. Matos, A. Kyritsis, J.F. Mano, J.L. Gómez Ribelles, *Chitosan–silica hybrid porous membranes*, Materials Science and Engineering: C, 42, 553-61. 2014
3) C. Pandis, A. Spanoudaki, A. Kyritsis, P. Pissis, J.C.R. Hernández, J.L. Gómez Ribelles, M. Monleón Pradas, *Water sorption characteristics of poly(2-hydroxyethyl acrylate)/silica nanocomposite hydrogels*, Journal of Polymer Science Part B: Polymer Physics, 49, 657-68. 2011
4) C. Boutopoulos, C. Pandis, K. Giannakopoulos, P. Pissis, I. Zergioti, *Polymer/carbon nanotube composite patterns via laser induced forward transfer*, Applied Physics Letters, 96. 2010
5) E. Logakis, C. Pandis, V. Peoglos, P. Pissis, J. Pionteck, P. Pötschke, M. Mičušík, M. Omastová, *Electrical/dielectric properties and conduction mechanism in melt processed polyamide/multi-walled carbon nanotubes composites*, Polymer, 50, 5103-11. 2009
6) C. Pandis, E. Logakis, V. Peoglos, P. Pissis, M. Omastová, M. Mravčáková, A. Janke, J. Pionteck, Y. Peneva, L. Minkova, *Morphology, microhardness, and electrical properties of composites based on polypropylene, montmorillonite, and polypyrrole*, Journal of Polymer Science, Part B: Polymer Physics, 47, 407-23. 2009
7) C. Pandis, N. Brilis, D. Tsamakis, H.A. Ali, S. Krishnamoorthy, A.A. Iliadis, *Role of low O_2 pressure and growth temperature on electrical transport of PLD grown ZnO thin films on Si substrates*, Solid-State Electronics, 50, 1119-23. 2006