

CURRICULUM VITAE

Dr. Georgopanos G. Prokopios

Hohe Strasse 6, 01069, Dresden, Germany

Office Tel.: 0049 (0)351 4658 1212

Cell Phone: 0030 694 5 921138

Email: Georgopanos@ipfdd.de



Birth information

Date of Birth: 05/09/1982

Place of Birth: Corfu

Nationality / Citizenship: Greek

Marital Status: Single

Military Duties: Not accomplished

Education

1997-2000: Graduated from 1st High School at Corfu, Greece with a Degree of “Very Good” (17,7/20).

2000-2005: Diploma in “Materials Science and Engineering” in the Department of Materials Science and Engineering, University Ioannina, with a degree of “Very Good” (7,89/10).

2005-: First year of undergraduate studies in Physics Department, School of Natural Sciences, Physics Department, University of Ioannina.

2005-2007: Graduate Student in “Chemistry and Technology of Materials” at the Department of Materials Science & Engineering, University of Ioannina. **Supervisor:** Assoc. Prof. A. Avgeropoulos

11/2007: Master of Science in “Chemistry and Technology of Materials”, with a degree of “Excellent” (8,95/10).

07/2007-03/2011: Ph. D. Candidate in “Chemistry and Technology of Materials”, at the Department of Materials Science and Engineering, University of Ioannina. **Supervisor:** Assoc. Prof. A. Avgeropoulos

03/2011: Doctor of Philosophy in “Chemistry and Technology of Materials”, at the Department of Materials Science and Engineering, University of Ioannina, with a degree of “Excellent” (10/10).

Awards

2001-2002: Scholarship from Greek National Institute of Scholarships (IKY) (1st at the second year of studies)

2003-2004: Scholarship from Greek National Institute of Scholarships (IKY) (1st at the fourth year of studies).

Undergraduate Diploma Thesis

“Non Invasive Measurement of Hemoglobin and Derivatives on Human Skin via Optical Spectroscopy”, Ioannina 2005.

Supervisor: Assoc. Prof. G. Zonios.

Master of Science

“Morphological Characterization and Applications of Block Copolymers of Styrene or Isoprene and Hexamethylcyclotrisiloxane”, Ioannina 2007. **Supervisor:** Assoc. Prof. A. Avgeropoulos.

Ph. D. Thesis

“Synthesis, Characterization, Properties and Application of Complex Architecture Polymeric Materials Containing Polydimethylsiloxane”, Ioannina 2011. **Supervisor:** Assoc. Prof. A. Avgeropoulos.

Visits Abroad

18/08/2010 – 18/10/2010: Visiting scientist – Ph.D. candidate at the Dept. Of Chemical Engineering, National Tsing Hua University, Hsinchu, Taiwan, Laboratory of Polymers Physics for Thermal Analysis (DSC, TGA) and Morphological Characterization Experiments (SAXS, TEM, SEM, AFM). **Supervisor:** Prof. Rong-Ming Ho.

Languages

Greek (Native Language)

English (Certificate of Proficiency in English”, University of Michigan, 2005)

Additional Education

Computer Knowledge Certification ECDL CORE and ECDL EXPERT, OS Knowledge: Unix, Linux, Mac OS, MS Windows, **Draw - Cad Programs:** Adobe Web Suite CS4, ACDSec, Corel Draw, Autodesk Suite 2011, **Programming languages:** C/C++, Fortran 77, html and php, **Web design and Web Server applications.**

Working Experience

- 1. University of Ioannina - Research Committee.** Hellenic Ministry of National Education & Religious Affairs, Research Programme PITHAGORAS II, **Supervisor:** Assist. Prof. P. Skapinakis, School of Medicine, UoI. **Period:** 01/2006 -12/2006.
- 2. Laboratory of Polymeric Materials** of the Department of Materials Science and Engineering, UoI. Teaching Assistance on Obligatory Class Polymeric Materials Laboratory, **Supervisor:** Assoc. Prof. A. Avgeropoulos. **Period:** 2007 - 2011
- 3. University of Ioannina – Research Committee.** Information and Secretary support of the 7th Hellenic Polymer Conference, **Supervisor:** G. Floudas, Professor Physics Department, UoI, Ioannina **Period:** 01/09/2008 – 31/10/2008
- 4. Biomedical Research Institute – Institute for Research and Technology (FORTH) (BRI - FORTH).** Informative Support, **Supervisor:** Th. Fotsis, President of the BRI. - Prof. School of Medicine, UoI, Ioannina, **Period:** 2007 – 2010

5. **University of Ioannina – Department of Linguistics.** Development of the webpage of the laboratory for New Hellenic Philosophy Research
Supervisor: K. Th. Petsios, Assoc. Prof. History of Philosophy, **Period:** 01/06/2009 – 30/06/2009
6. **University of Ioannina – Research Committee.** Work on project **with the title:** «Carbon Nanotube Confinement Strategies to Develop Novel Polymer Matrix Composites, (POCO)» **with the duty of :** «Characterization of composites and study of the properties» funding by “Commission of the European Communities”
Supervisor: A. Avgeropoulos, Assoc. Prof. of Materials Science and Engineering University of Ioannina
Period: 01/01/2009 – 31/12/2010, 01/03/2011 – 30/04/2011.
7. **University of Ioannina – Research Committee.** Work on project **with the title:** «(Large Area Self-assembly Nanopatterns for Devices, (Lamand))» **with the duty of :** «Synthesis and Characterization of PS-b-PDMS Block Copolymers» funding by “Commission of the European Communities” **Supervisor:** A. Avgeropoulos, Assoc. Prof. of Materials Science and Engineering University of Ioannina **Period:** 01/10/2010 – 30/06/2011.
8. **Leibniz-Intitute für Polymerforschung Dresden e.V..** Guest Scientist - Researcher
Supervisor: Dr. M. Stamm, Prof. of Physical Chemistry of Polymeric Materials at TU Dresden, Head of IPF Institute of Physical Chemistry and Physics of Polymers and Department of Nanostructured Materials

Publications

1. Chao, C.-C.; Wang, T.-C.; Ho, R.-M.; Georgopoulos, P.; Avgeropoulos, A.; Thomas, E. L.; “Robust Block Copolymer Mask for Nanopatterning Polymer Films”; *ACS Nano*, **2010**, *4*, 2088.
2. Chao, C.-C.; Ho, R.-M.; Georgopoulos, P.; Avgeropoulos, A.; Thomas, E. L.; “Silicon Oxy Carbide Nanorings from Polystyrene-*b*-Polydimethylsiloxane Diblock Copolymer Thin Films”; *Soft Matter*, **2010**, *6*, 3582.
3. Carrasco, P. M.; Garcia, I.; Ruiz de Luzuriaga, A.; Constantinou, M.; Georgopoulos, P.; Rangou, S.; Avgeropoulos A., Zafeiropoulos, N.E.; Cabañero, G.; Grande, H.J.; Mecerreyes, D.; “Influence of Anion Exchange in Self-Assembling of Polymeric Ionic Liquid Block Copolymers”; *Macromolecules*, **2011**, *44* (12), 4936.
4. Carrasco, P. M.; Garcia, I.; Ruiz de Luzuriaga, A.; Kirsten, M.; Constantinou, M.; Georgopoulos, P.; Rangou, S.; Avgeropoulos A., Zafeiropoulos, N.E.; Stamm, M.; Grande, H.J.; Cabañero, G.; and Garcia, I.; “Self-Assembled Thermosetting Materials Based on Poly(styrene)-block-poly(2 -vinylpyridine) and Epoxy Resin”; *Polymers for Advanced Technologies*, **2011**, Submitted.
5. Chao, C.-C.; Lo, T. -Y.; Ho, R.-M.; Georgopoulos, P.; Avgeropoulos, A.; Thomas, E. L.; “Gyroid-forming Polystyrene-*b*-Polydimethylsiloxane Diblock Copolymers Driven by Solvent Evaporation”; *Macromolecules*, **2011**, *Under Preparation*.
6. Ntetsikas, K.; Liontos, G.; Georgopoulos, P.; Politakos, N.; Avgeropoulos, A.; Stewart-Sloan, C.; Thomas, E.L.; *Under Preparation*.
7. Georgopoulos. P.; Avgeropoulos, A.; “Synthesis of Star Block Copolymers of Polystyrene and Polydimethylsiloxane”, *Under Preparation*.
8. Georgopoulos. P.; Lo, T.Y.; Avgeropoulos, A.; Ho, R.M.; *Under Preparation*.

Presentations in Domestic and International Conferences

1. *Nanostructures from Well Defined Copolymers of Polystyrene (PS) & Polydimethylsiloxane (PDMS)*, Poster Presentation, 20th International Symposium on Polymer Analysis & Characterization, Crete, October 1st – 3rd, 2007.
2. *Nanostructures from Well Defined Copolymers of Polystyrene (PS) & Polydimethylsiloxane (PDMS)*, Poster Presentation, 7th Hellenic Polymer Conference, Ioannina. 28 September - 01 October 2008.
3. *Interaction of An Amphiphilic Diblock Copolymer in Layered Material*, Apostolos Enotiadis, Ioannis Sotiriou, Eleni Douli, Prokopios Georgopoulos, Apostolos Avgeropoulos, Dimitrios Gournis, Poster Presentation, 7th Hellenic Polymer Conference, Ioannina. September 28 - October 01 2008.
4. *Synthesis of block copolymers with poly(methyl methacrylate) and poly[2-(trimethylsilyloxy) ethyl methacrylate [PMMA-*b*-(PTMS-HEMA)]]* Marios Constantinou, Prokopios Georgopoulos, A. Avgeropoulos, Poster Presentation, 7th Hellenic Polymer Conference, Ioannina. September 28 - October 01 2008.
5. *Silicon Oxy Carbide Nanorings From Polystyrene-*b*-Polydimethylsiloxane Diblock Copolymer Thin Films*, Oral Presentation, XXVI Panhellenic Conference in Solid State Physics and Materials Science, Ioannina September 26th - 29th, 2010.
6. *Complex Architecture Polymers of Polystyrene (PS) and Poly(dimethylsiloxane) (PDMS)*, Prokopios Georgopoulos, Apostolos Avgeropoulos, Ting-Ya Lo, Rong-Ming Ho, 8th Hellenic Polymer Conference, Hersonisos - Crete, October 25th - 29th, 2010.
7. *Synthesis and Characterization of Nanocomposite Materials from Multi Wall Carbon Nanotubes in Polystyrene Matrix*, Thekla Orfanidou, Marios Constantinou, Prokopios Georgopoulos, Apostolos Avgeropoulos, 8th Hellenic Polymer Conference, Hersonisos - Crete, October 25th - 29th, 2010.
8. *Synthesis and Characterization of Linear Diblock Copolymers of Poly(2-Vinyl pyridine) and Poly(Methyl methacrylate) (P2VP-*b*-PMMA)*, George Polymeropoulos, Prokopios Georgopoulos, Panagiotis Manousis, Apostolos Avgeropoulos, 8th Hellenic Polymer Conference, Hersonisos - Crete, October 25th – 29th, 2010.