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## PERSONAL INFORMATION

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**Surname** : Panteli  
**First Name** : Eleni  
**Date of Birth** : 03/06/1981  
**Profession** : Chemical Engineer  
**Nationality** : Greek  
**Work Address** : Thermodynamics & Transport Phenomena  
Laboratory, School of Chemical Engineering,  
National Technical University of Athens, 9 Heroon  
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## EDUCATION

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July 2005-  
December 2010

PhD in Chemical Engineering, National Technical University of Athens (NTUA).  
**Doctoral Dissertation:** "Experimental Measurements and Thermodynamic Modeling in Mixtures Containing Ionic Liquids"

### Awards

1. "D. Thomaidis" award for the work entitled "*Prediction of Vapor Pressures of Pure Compounds from Knowledge of the Normal Boiling Point Temperature*", presented in the 21<sup>st</sup> European Symposium on Applied Thermodynamics (June 2005, Poland).
2. "D. Thomaidis" award for the work entitled "*Prediction of Vapor Pressures and Enthalpies of Vaporization of Organic Compounds from the Normal Boiling Point Temperature*", published in ***Fluid Phase Equilibria*** (*Fluid Phase Equilib.* 248, 2006, 70-77).
3. "D. Thomaidis" award for the work entitled "*Experimental Measurements and Thermodynamic Modeling of Phase Equilibrium of Sugar and Antioxidants in Organic Solvents*", presented in the 6<sup>th</sup> National Conference of Chemical Engineering (May 31<sup>st</sup> – June 2<sup>nd</sup> 2007, Athens).
4. "D. Thomaidis" award for the work entitled "*Solubilities of Cinnamic Acid Esters in Ionic Liquids*" published in ***Journal of Chemical & Engineering Data*** (*J. Chem. Eng. Data* 2009, 54, 812–818).

<b>1999-2004</b>	<b>Diploma in Chemical Engineering</b> School of Chemical Engineering, National Technical University of Athens. Grade: "Very Good" 7.96/10 <ul style="list-style-type: none"><li>• <u>Diploma Thesis</u>: "Prediction of Solid Vapor Pressures" (Grade 10) Thermodynamics and Transport Phenomena Laboratory, School of Chemical Engineering, NTUA.</li></ul>
<b>1996-1999</b>	<b>Secondary Studies</b> High School Grade: "Excellent" 18.8/20

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## LANGUAGE SKILLS

<b>English</b>	Excellent, Holder of "Certificate of Proficiency in English"
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## PROFESSIONAL EXPERIENCE

<b>January 2005- today</b>	<b>National Technical University of Athens</b>  <b>Research Assistant</b> Participation, as a member of the Thermodynamics & Transport Phenomena Laboratory, School of Chemical Engineering, NTUA, in the following Scientific Projects: <ul style="list-style-type: none"><li>- Modelling Issues-Technical Support DLL-file, funded by Statoil Petroleum AS, Norway, February 2011 -</li><li>- Prediction of hydrocarbon phase envelope using the UMR-PRU model (Phase 2), funded by Statoil Petroleum AS, Norway, 1/2/2010-1/6/2010.</li><li>- Gas Processing and LNG Technologies, funded by Statoil Petroleum AS, Norway, 15/6/2009-31/11/2009.</li><li>- Theoretical and Experimental Study of Phase Equilibrium of Sugars and Antioxidants in Ionic Liquids, funded by NTUA, 1/1/2005-30/6/2008.</li><li>- Study of Physical Antioxidants as Food Additives, co-funded 75% by EU and 25% by Greek National sources, 1/1/2005-1/12/2005.</li></ul>
<b>September 2005- June 2010</b>	<b>National Technical University of Athens</b>  <b>Teaching Assistant</b> <ul style="list-style-type: none"><li>- "Applied Thermodynamics", 3<sup>rd</sup> Semester.</li><li>- "Chemical Engineering Thermodynamics", 4<sup>th</sup> Semester.</li></ul>

<b>October – November 2003</b>	<ul style="list-style-type: none"><li>- Laboratory exercises in the framework of the “Process Synthesis &amp; Design” class, 7<sup>th</sup> Semester.</li></ul> <p><b>National Center of Scientific Research "DEMOKRITOS"</b>, Agia Paraskevi Athens</p> <p><b>Institute of Materials Science (IMS)</b></p> <p>Assistant at the Laboratory of Archaeometry</p>
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## COMPUTER SKILLS

<b>Operating Systems</b>	: Windows XP, Vista
<b>Applications</b>	: Word, Excel, PowerPoint, Visio, FORTRAN, COSMO-RS

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## PROFESSIONAL SOCIETIES

<b>2006-today</b>	Member of Technical Chamber of Greece
<b>2008-today</b>	Member of Greek Association of Chemical Engineers

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## PUBLICATIONS IN INTERNATIONAL JOURNALS

1. E. Panteli, E. Voutsas, K. Magoulas, D. Tassios, “Prediction of Vapor Pressures and Enthalpies of Vaporization of Organic Compounds from the Normal Boiling Point Temperature”, *Fluid Phase Equilibria* 248 (2006) 70-77.
2. Eleni K. Panteli, Epaminondas K. Voutsas, “Solubilities of Cinnamic Acid Esters in Ionic Liquids”, *Journal of Chemical and Engineering Data* 54 (2009) 812–818.
3. Eleni Panteli, Panagiota Saratsioti, Haralampos Stamatis, Epaminondas Voutsas, “Solubilities of Cinnamic Acid Esters in Organic Solvents”, *Journal of Chemical and Engineering Data* 55 (2010) 745–749.
4. Eleni Panteli, Epaminondas Voutsas, “Solubilities of Cinnamic Acid Esters in Binary Mixtures of Ionic Liquids and Organic Solvents”, *Fluid Phase Equilibria* 295 (2010) 201–207.

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## NATIONAL CONFERENCES

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1. Eleni Panteli, Mirto Dardavila, Georgia Pappa, Epaminondas Voutsas, Kostis Magoulas, Haris Stamatis, "Experimental Measurements and Thermodynamic Modeling of Phase Equilibrium of Sugar and Antioxidants in Organic Solvents", 2<sup>nd</sup> Hellenic Symposium on Green Chemistry & Viable Development, March 8-10, 2007, Patra, Greece (Oral).
2. Eleni Panteli, Georgia Pappa, Epaminondas Voutsas, Kostis Magoulas, Haris Stamatis, "Experimental Measurements and Thermodynamic Modeling of Phase Equilibrium of Sugar and Antioxidants in Organic Solvents", 6<sup>th</sup> Hellenic Congress in Chemical Engineering, May 31<sup>st</sup> - June 2<sup>nd</sup> 2007, Athens, Greece (Oral).
3. Eleni Panteli, Vasiliki Louli, Haris Stamatis, Epaminondas Voutsas, "Thermodynamic Study of Phase Equilibrium of Mixtures Containing Ionic Liquids", 7<sup>th</sup> Hellenic Scientific Congress in Chemical Engineering, June 3-5 2009, Patra, Greece (Oral).

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## INTERNATIONAL CONFERENCES

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1. E. Panteli, Ch. Boukouvalas, E. Voutsas, K. Magoulas, D. Tassios, "Prediction of Vapor Pressures of Pure Compounds from Knowledge of the Normal Boiling Point Temperature", the 21st European Symposium on Applied Thermodynamics, June 1-5, 2005, Jurata, Poland.
2. Eleni Panteli, Mirto Dardavila, Epaminondas Voutsas, Haris Stamatis, Kostis Magoulas, Dimitrios Tassios, "Measurement and Thermodynamic Modelling of Solubilities of Antioxidants in Organic Solvents", 22nd European Symposium on Applied Thermodynamics, ESAT 2006, June 28<sup>th</sup> - July 1<sup>st</sup>, Elsinore, Denmark (Poster).
3. Eleni Panteli, Christina Vafiadi, Georgia Pappa, Epaminondas Voutsas, Haris Stamatis, Paul Christakopoulos, "Experimental Measurements and Thermodynamic Modelling of the Solubility of Compounds of Biotechnological Interest in Organic Solvents and Ionic Liquids", 11th International Conference on Properties and Phase Equilibria, PPEPPD May 20-25 2007, Hersonissos, Crete, Greece (Poster).
4. Eleni Panteli, Panagiota Saratsioti, Efthimia Alevizou, Thomais Rontogianni, Georgia Pappa, Christos Boukouvalas, Haris Stamatis, Epaminondas Voutsas, "Solubility of Cinnamic Acid Esters in Ionic Liquids and Organic Solvents: Experimental Measurements and Thermodynamic Modeling", 23rd European Symposium on Applied Thermodynamics, ESAT 2008, May 29<sup>th</sup> - June 1<sup>st</sup>, Cannes, France (Poster, short oral presentation).
5. Eleni Panteli, Vasiliki Louli, Epaminondas Voutsas, Haralambos Stamatis, "Thermodynamic Study of Solid-Liquid Equilibrium in Mixtures Containing Ionic Liquids", Thermodynamics 2009 Conference, September 23-25 2009, Imperial College London, U.K. (Poster, short oral presentation).
6. Eleni Panteli, Epaminondas Voutsas, "Thermodynamic Modelling of Mixtures Containing Antioxidants, Organic Solvents and Ionic Liquids" June 24-27, 2011, Saint Petersburg, Russia (Poster).