Personal Information

Name/Surname:	Kakia Panagidi
Sex:	Female
Birth Date:	17th May 1987
Nationality:	Greek
Home Address:	68 Agisilaou St.,Glyfada ,Athens , Greece
Telephone:	+30 210 9629693 / +30 6944 929639
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Education and Training

November 2014 – Onwards

> PhD in "Informatics and Telecommunications"
> Department of Informatics and Telecommunications
> National and Kapodistrian University of Athens

> PhD Thesis:
> Title: "Task Allocation in Machine to Machine (M2M) Networks"
> Advisor: S. Hadjiefthymiades, Assistant Professor.
>   D. Varoutas, Assistant Professor.

September 2010 – June 2013

> M. Sc. in "Administration and Economics of
> Telecommunications Networks"
> Department of Informatics and Telecommunications
> National and Kapodistrian University of Athens
> G.P.A.: 9,36/ 10 (honors scholarship)

> M.Sc. Thesis:
> Title: "On the use of Optimization Techniques for Strategy Definition
> in Multi Issue Negotiations"
> Advisor: S. Hadjiefthymiades, Assistant Professor.

September 2005 – September 2010

> B.Sc. in Informatics and Telecommunications
> Department of Informatics and Telecommunications
> National and Kapodistrian University of Athens
> G.P.A.: 7,78 / 10

> B.Sc. Thesis :
> Title: Simulation of Automated Next Generation Network Management
> Advisors: L. Merakos, Professor &
>   N. Alonistioti, Lecturer.

May 2005
> High School Graduate- 12th High School of Voula
> G.P.A.: 19,5 /20 (with Honors)

Internships

February 2015- May 2014
> *Research Assistant Doctoral*
> **Project:** "Applying Machine Learning Techniques for Big Data Systems"
> **Company Name:** School of Computing Science. University of Glasgow. Glasgow. United Kingdom.

June 2014- July 2014
> *IRSS Summer Student*
> **Project:** ""Analyzing Energy Usage in the Smart Grid and Incentivizing Renewable Energy Usage""
> **Company Name:** National Center FOR Scientific Research "Demokritos". Athens. Greece.

June 2013- August 2013
> CERN Openlab Summer Student
> **Project:** "DBaaS with Enterprise Manager 12c and Oracle VM"
> **Company Name:** CERN. Genève. Switzerland.

Research Experience

September 2009- Onwards
> <u>Researcher</u> in Pervasive Computing research Group, National and Kapodistrian University of Athens
> Projects: R&D funded by the EU FP7 Programme and National Initiatives involving:
> - Polygonal Spatial Clustering.
> - Graph Partitioning.
> - Grid Based Partitioning.
> - Voronoi Polygon Based Methods.
> - Multi-criteria Analysis.

Research Interests

- Pervasive Computing to Machine to Machine (M2M) networks/ Smart Cities.
- Machine Learning problem of task allocation with additional restrictions.
- Resource scheduling and learning techniques.

- Problems in the area of decision making and situation awareness.

Spoken Languages

- Greek: Fluent (native speaker)
- English: Excellent (Certificate of Proficiency in English, Michigan University)
- French :   Very Good (Sorbonne B2)
- Spanish :   Very Good (DELE B1)

Publications

- C. Akasiadis, K. Panagidi, N. Panagiotou, P. Sernani, A. Morton, I. A. Vetsikas, L. Mavrouli, K. Goutsias, "**Incentives for Rescheduling Residential Electricity Consumption to Promote Renewable Energy Usage**", accepted for publication and presentation in IEEE Technically Co-Sponsored SAI Intelligent Systems Conference 2015, London.

- K. Kolomvatsos, K. Panagidi, S. Hadjiefthymiades, **"A Load Balancing Module for Post Emergency Management"**, Elsevier Expert Systems with Applications (ESWA), (IF 2013: 1.965), vol. 42(1), 2014, pp. 657 - 667.

- K. Panagidi, K. Kolomvatsos, S. Hadjiefthymiades, **"An Intelligent Scheme for Concurrent Multi-Issue Negotiations"**, International Journal of Artificial Intelligence (IJAI), vol. 12(1), 2014, pp. 129-149.

- K. Panagidi, K. Kolomvatsos, S. Hadjiefthymiades, **"On the Use of PSO with Weights Adaptation in Concurrent Multi-Issue Negotiations"**, in the proceedings of 10th International Sysposium on Distributed computing and Artificial Intelligence, 22-24 May, Salamanca, Spain - selected as one of the best papers presented.

- K. Kolomvatsos, K. Panagidi, S. Hadjiefthymiades, **"Optimal Spatial Partitioning for Resource   Allocation in Emergency Management"**, *in the proceedings of Integrative and Analytical Approaches to Crisis Response and Emergency Management Information Systems, 12- 15 May, Baden, Germany.*

- K. Panagidi. "**Algorithms for Spatial Partitioning in Wireless Sensor Network.**" *Intelligent Technologies and Techniques for Pervasive Computing. IGI Global, 2013. 109-133.*

Informatics Skills

Languages	Years' Experience	Skill Level
Java, C, C++	6	Expert
Javascript, HTML, CSS, PHP (Web Programming)	3	Expert
PostgreSQL, , QGis, GDal Python (Spatial Programming)	4	Intermediate
bourne/bash/tcsh-Unix, awk	4	Intermediate
Matlab	4	Expert
Octave (Machine Learning)	1	Intermediate

- Operating Systems : Linux, Microsoft Windows, SUN

Reviewer

- 1st International Conference on Telecommunication Systems and Networks (MIC-Telecom 2013), Barcelona, Spain.

Educational Experience

12/11/13 – 25/2/2014
Teaching assistant on "Operating Systems", Department of Informatics and Telecommunications.

14/11/12 – 21/2/2013
Teaching assistant on "Operating Systems", Department of Informatics and Telecommunications.

14/11/11 – 20/2/2012
Teaching assistant on "Operating Systems", Department of Informatics and Telecommunications.

13/11 – 21/2/2011
Teaching assistant on "Information Systems", Department of Informatics and Telecommunications.

Attended Seminars

03/02/2012

"Semantics, Ontologies and Interoperability in Geographic Information Science", Marinos Kavouras, Cartography Laboratory, Ontogeo Research Group, Nat. Tech. Univ. of Athens

11/1/2012

"Solving the At-Most-Once Problem with Nearly Optimal Effectiveness", Sotiris Kentros, University of Connecticut

8/5/2009

Lecture on «Next generation Networks and Applications» organized by the Ministry of Infrastructure, Transport and Networks, Athens

02/08-05-08

«MS Programming tools and C#» organized by StudentGuru (Microsoft student group), Athens

Online Courses

22/04/2013- 01/07/2013

"Machine Learning", Andrew Ng, Stanford University, Coursera
Grade: 100/100

Awards

2013

Selected as one out of 21 other students from 734 applicants, to be given a place as a CERN Openlab summer student 2013.

2013-2012

Honors scholarship-Award of Excellence for ranking first among M.Sc. students

2012-2011

Honors scholarship-Award of Excellence for ranking first among M.Sc. students

2005

Award of Excellence for ranking first among classmates - 12th High School of Voula with Grade : 19,5 /20

Other Activities

- Graduate Student Representative in "Administration and Economics of Telecommunications Networks", Department of Informatics and Telecommunications, University of Athens (2011-2012).
- Graduate Student Representative in "Administration and Economics of Telecommunications Networks", Department of Informatics and Telecommunications, University of Athens (2010-2011).