

# Aikaterini Dimitrakopoulou

## Curriculum Vitae

### PERSONAL

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**ADDRESS** Department of Informatics and Telecommunications  
University of Athens  
Panepistimiopolis, Zografou

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### EDUCATION

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**2010-Present** Ph. D. Department of Informatics and Telecommunications,  
University of Athens.

**Supervising Professor** Nikolaos Missirlis

**2010 – 2013** M. Sc. In Didactics and Methodology of Mathematics  
Department of Mathematics University of Athens

**1996 – 2001** B. Sc Department of Mathematics, University of Patras  
**Division of** Computational Mathematics and Informatics

### RESEARCH FIELDS

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Load Balancing, Graph Theory, Numerical Linear Algebra, Parallel Algorithms.

### PUBLICATIONS IN CONFERENCES

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K. Dimitrakopoulou and M. Misyrlis “The nine neighbor Extrapolated Diffusion method for weighed torus graphs”. 9<sup>th</sup> Conference on Parallel Processing and Applied Mathematics (PPAM 2011) Lecture Notes In Computer Science. V. 7203, pp 416-426, 2012.

K. Dimitrakopoulou and N. M. Misyrlis “Optimal Diffusion for load balancing in heterogeneous networks”. 10<sup>th</sup> Conference on Parallel Processing and Applied Mathematics, Warsaw, Poland.-(PPAM 2013) Lecture Notes In Computer Science v. 8384, 2014.

### M.SC MONOGRAPHS

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K. Dimitrakopoulou “ Geometric Automorphisms and Graph Theory ” M.Sc. thesis, 2013.

## TEACHING ASSISTANT

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**Undergraduate Courses :** Algorithms and Compexity (exercises)  
Introduction to Programming (exercises- lab)

## EMPLOYMENT

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**2001-2006** ARMAPLAST AVEE, IT Manager.  
**1998-PRESENT** Lessons to University and High School students.

## EUROPEAN PROGRAMS

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**Responsible for European Programs:** for the P.K.V.P. and SFE. Mainly dealing with “*Youth*” (*EVS, Youth for Europe, Youth Initiatives*) and “*Euro-Med*”.  
Personal participation in the following:

**Spain 2002** Youth: Co-ordinator of the Greek delegation in the youth exchange entitled “The Lady of Elche” (July 15-30, 2002).  
**Spain 2001** “III International Meeting in Castilla y León – Partnership Making Seminar, The Mediterranean countries in the ‘Youth’ Program”,  
**Czech Rep. 2001** Youth: youth exchange entitled “Meeting of cultures” (November 7-13)  
**Italy 1997** Interpreter and member of the dance-group of the P.K.V.P., participating in the cultural activities organized by the Greek speaking villages of South Italy.  
**Spain 1996** In April 1996 participated in the XIII European Theatre Festival in Segóbriga, as interpreter/ co-ordinator of union between the groupes “Melissia” (Greece) and “Selene” (Spain).

## VOLUNTEERING

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I have participated as a volunteer in big athletic events:  
Athens 2004 Olympic Games, Athens 2004 Parolympic Games, Euroleague Athens Final Four, Athens Champions League, Special Olympics, Athens Classic Marathon.

## OTHER ACTIVITIES\INTERESTS

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### Musical studies

Piano Diploma, Studies in Armonia, Theory and History of Music

### Memberships in Associations:

Member: Association of Friendship among Nations “SFE” (Greece).  
Member: Hellenic Mathematic Society  
Member: International Dance Council