

CURRICULUM VITÆ

Evangelos Bampas

Personal Information

Date of birth: April 18th, 1981
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Positions

Nov 2009 – Oct 2010 **Postdoctoral fellow:** INRIA Bordeaux – Sud-Ouest, CEPAGE project-team.
Apr 2009 – Jun 2009 **Research intern:** INRIA Bordeaux – Sud-Ouest, CEPAGE project-team.
Jan 2006 – Jun 2009 **Young researcher:** National Technical University of Athens, research project “Optimization problems in computer and communication networks: theoretical foundations, efficient algorithm design and experimental software development”. Funded by the European Union and national resources.

Education

Oct 2004 – Oct 2009 **Philosophiæ Doctor:** National Technical University of Athens, School of Electrical & Computer Engineering. Dissertation title: *Routing and wavelength assignment in optical networks*. Advisor: Stathis Zachos.
Sep 1999 – Oct 2004 **Engineering Diplom:** National Technical University of Athens, School of Electrical & Computer Engineering (GPA: 8.76/10). Thesis title: *Algorithmic techniques in complexity theory*. Advisor: Stathis Zachos.

Publications

Journal publications

- J1 Evangelos Bampas, Aris Pagourtzis, and Katerina Potika: *An experimental study of maximum profit wavelength assignment in WDM rings*. *Networks* (in press). doi: 10.1002/net.20425

Conference publications

- C9 Evangelos Bampas, Jurek Czyzowicz, Leszek Gąsieniec, David Ilcinkas, and Arnaud Labourel: *Almost optimal asynchronous rendezvous in infinite multidimensional grids*. DISC (Nancy Lynch and Alexander Shvartsman, eds.), *Lecture Notes in Computer Science*, vol. 6343, Springer, 2010, pp. 297–311.
- C8 Evangelos Bampas, Leszek Gąsieniec, Ralf Klasing, Adrian Kosowski, and Tomasz Radzik: *Robustness of the rotor-router mechanism*. OPODIS (Tarek Abdelzaher, Michel Raynal, and Nicola Santoro, eds.), *Lecture Notes in Computer Science*, vol. 5923, Springer, 2009, pp. 345–358.
- C7 Evangelos Bampas, Leszek Gąsieniec, Nicolas Hanusse, David Ilcinkas, Ralf Klasing, and Adrian Kosowski: *Euler tour lock-in problem in the rotor-router model (I choose pointers and you choose port numbers)*. DISC (Idit Keidar, ed.), *Lecture Notes in Computer Science*, vol. 5805, Springer, 2009, pp. 421–433.
- C6 Evangelos Bampas, Aris Pagourtzis, George Pierrakos, and Vasileios Syrgkanis: *Colored resource allocation games (extended abstract)*. CTW (Sonia Cafieri, Antonio Mucherino, Giacomo Nannicini, Fabien Tarissan, and Leo Liberti, eds.), *École Polytechnique and CNAM*, 2009, pp. 68–72.
- C5 Evangelos Bampas, Andreas-Nikolas Göbel, Aris Pagourtzis, and Aris Tentes: *On the connection between interval size functions and path counting*. TAMC (Jianer Chen and S. Barry Cooper, eds.), *Lecture Notes in Computer Science*, vol. 5532, Springer, 2009, pp. 108–117.
- C4 Evangelos Bampas, Aris Pagourtzis, George Pierrakos, and Katerina Potika: *On a non-cooperative model for wavelength assignment in multifiber optical networks*. ISAAC (Seok-Hee Hong, Hiroshi Nagamochi, and Takuro Fukunaga, eds.), *Lecture Notes in Computer Science*, vol. 5369, Springer, 2008, pp. 159–170.
- C3 Evangelos Bampas, Aris Pagourtzis, and Katerina Potika: *Maximum profit wavelength assignment in WDM rings (extended abstract)*. CTW (Giovanni Righini, ed.), *University of Milan*, 2008, pp. 35–38.
- C2 Evangelos Bampas, Aris Pagourtzis, and Katerina Potika: *Maximum request satisfaction in WDM rings: Algorithms and experiments*. PCI (Theodore S. Papatheodorou, Dimitris N. Christodoulakis, and Nikitas N. Karanikolas, eds.), *Current Trends in Informatics*, vol. A, *New Technologies Publications*, 2007, pp. 627–642.
- C1 Evangelos Bampas, Georgia Kaouri, Michael Lampis, and Aris Pagourtzis: *Periodic metro scheduling*. ATMOS (Riko Jacob and Matthias Müller-Hannemann, eds.), *Dagstuhl Seminar Proceedings*, vol. 06002, *Internationales Begegnungs und Forschungszentrum für Informatik (IBFI)*, 2006.

Invited Talks

Jan 2011: Corelab weekly seminar, National Technical University of Athens. *Almost optimal asynchronous rendezvous in infinite multidimensional grids.*

Dec 2009: LaBRI Distributed Algorithms working group, Université Bordeaux 1. *Robustness of the rotor-router mechanism.*

Nov 2009: 4th ANR ALADDIN project meeting. *Robustness of the rotor-router mechanism.*

May 2009: LaBRI Distributed Algorithms working group, Université Bordeaux 1. *Selfish wavelength assignment in multifiber optical networks.*

Aug 2008: 3rd Athens Colloquium on Algorithms and Complexity, University of Athens. *On a non-cooperative model for wavelength assignment in multifiber optical networks.*

Apr 2008: 1st annual meeting of the Asian Association for Algorithms & Computation, University of Hong Kong. *Selfish wavelength assignment in multifiber optical networks.*

Oct 2006: Corelab weekly seminar, National Technical University of Athens. *Matroids and k -extendible systems.*

Scientific Service

Journal referee: Theory of Computing Systems.

Conference referee: Computability in Europe (CiE 2008), Workshop on Approximation and Online Algorithms (WAOA 2008), International Workshop on Graph-Theoretic Concepts in Computer Science (WG 2009), Balkan Conference in Informatics (BCI 2009), International Symposium on Mathematical Foundations of Computer Science (MFCS 2010), ACM SIGACT/SIGMOBILE International Workshop on Foundations of Mobile Computing (DIALM-POMC 2010), International Symposium on Theoretical Aspects of Computer Science (STACS 2011).

Teaching Experience

- 2007 – 2009 “Algorithms & Complexity”. Technical support for the laboratory part. Grading final exams.
7th semester course, School of Electrical & Computer Engineering, National Technical University of Athens.
- 2005 – 2006 “Algorithms & Complexity”. Weekly tutorial sessions which involve solving exercises and discussing theory. Developing and grading assignments. Grading final exams.
7th semester course, School of Applied Mathematics & Physics, National Technical University of Athens.
- 2003 – 2009 “Introduction to Programming”. Supporting the laboratory part, where groups of students are assigned programming tasks to be solved at the computer (language: Pascal). Developing assignments. Grading mid-term quizzes and final exams.
1st semester course, School of Electrical & Computer Engineering, National Technical University of Athens.
- 2003 – 2007 “Programming Techniques”. Supporting the laboratory part, where groups of students are assigned programming tasks to be solved at the computer (language: C).
2nd semester course, School of Electrical & Computer Engineering, National Technical University of Athens.

Work Experience

- 2005 – 2009 Systems administrator for the Computation & Reasoning Laboratory of the National Technical University of Athens.
- 2007 Digital editing for the Greek translation of Prof. Martin Davis’ book “Engines of Logic: Mathematicians and the Origin of the Computer” using the \LaTeX macro package for the \TeX automated typesetting system. Translated in Greek by Prof. Stathis Zachos. Published in Greece by EKKPEMEΣ publications.
- 2006, 2007 Private tutoring in Java (undergraduate level) and “Algorithms & Complexity” (M.Sc. level). (part-time)

Computer Skills

Programming languages: C, C++, Java, Pascal, ASM (8086), Prolog.

Other languages: SQL, VHDL, HTML, CSS.

Environments: MS-Windows, GNU/Linux.

Other systems: MS-SQL Server, MS-Office, LEDA C++ class library, \LaTeX , Apache, Sendmail, Bind, MATLAB.

Languages

1. Greek: native speaker.
2. English: excellent – Cambridge Certificate of Proficiency in English: CPE (1997, grade A).
3. French: moderate – Diplôme d'Études en Langue Française: DELF 1^{er} degré (1995, mention assez bien).

Hobbies & Interests

Chess, Scrabble[™], traveling, cinema, ping pong, bowling, reading, (...)

References available upon request.