

Curriculum Vitae of Haris (Charalampos) Angelidakis

(updated 5 / 2017)

CONTACT INFORMATION

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RESEARCH INTERESTS

My research interests lie in the field of Approximation Algorithms for Combinatorial Optimization problems. I am currently working on questions related to graph partitioning problems, such as the Multiway Cut problem. In particular, I am interested in the standard worst-case analysis of such problems, as well as the study of these problems under the stability framework introduced by Bilu and Linial. Prior to this, I worked on preprocessing techniques for optimizing shortest-path queries, and, more precisely, on the Hub Labeling problem.

EDUCATION

_____ 09 / 2012 - Present

Toyota Technological Institute at Chicago,

5th-year PhD Student

(expected graduation date: June 2018)

_____ 03 / 2011 - 7 / 2012

Research Assistant at **ECE**, NTUA (worked with Prof. Dimitris Fotakis)

Completed coursework for **Graduate Program in Logic, Algorithms and Computation (MPLA)**, *University of Athens*

_____ 09 / 2004 - 03 / 2011

Diploma in Electrical and Computer Engineering (ECE),

National Technical University of Athens (NTUA)

PUBLICATIONS

- *Algorithms for Stable and Perturbation-Resilient Problems.*
H. Angelidakis, K. Makarychev and Y. Makarychev.
In **STOC 2017** (to appear).
- *An Improved Integrality Gap for the Calinescu-Karloff-Rabani Relaxation for Multiway Cut.*
H. Angelidakis, Y. Makarychev and P. Manurangsi.
In **IPCO 2017** (to appear).
- *Algorithmic and Hardness Results for the Hub Labeling Problem.*
H. Angelidakis, Y. Makarychev and V. Oparin.
In **SODA 2017**.
- *Stochastic Congestion Games with Risk-Averse Players.*
H. Angelidakis, D. Fotakis and T. Lianas.
In **SAGT 2013**.

TEACHING EXPERIENCE	<p>TTIC: TA for <i>Mathematical Toolkit</i>, Autumn 2015</p> <p>NTUA: TA for</p> <ul style="list-style-type: none"> - <i>Algorithms and Complexity</i>, Autumn 2010 & Autumn 2011 - <i>Introduction to Programming</i>, Autumn 2010 & Autumn 2011 - <i>Programming Techniques</i>, Spring 2011
TECHNICAL SKILLS	<p>Programming: C, Python, Haskell, Prolog, Assembly x86</p> <p>Applications: \LaTeX, Microsoft Office</p> <p>Operating Systems: Microsoft Windows XP/7, Linux/Unix</p>
LANGUAGES	<p>Greek: native language</p> <p>English: Certificate of Proficiency in English, University of Cambridge</p>
HONORS AND AWARDS	<ul style="list-style-type: none"> - Member of team that represented Greece in the World Finals of the 2009 Microsoft Imagine Cup Competition in Cairo, Egypt (Software Design Category). - Award by the Greek Ministry of Education, Research and Religious Affairs for ranking among the 400 high school students with the highest GPA in the panhellenic exams in Greece for the academic year 2002 - 2003.
GENERAL INTERESTS	<p>Music (classical piano diploma degree from the National Conservatory of Greece)</p>