

Argyrios G. Deligkas

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Education

- 2012 - present:
PhD Candidate in Computer Science
 - University of Liverpool, United Kingdom
 - Supervisor: Dr Rahul Savani
 - 2009-2012:
M.Sc. in "Mathematics of Computation and Decision Making"
 - University of Patras, Greece
 - Interdepartmental postgraduate programme between the Department of Mathematics and the Computer Engineering and Informatics Department
 - Master Thesis: "Bimatrix Games, Algorithms and Complexity Issues"
 - Average Grade: 9.07 out of 10 (top 10% of program)
 - 2005-2009:
Degree (Ptychio) in Mathematics
 - University of Patras, Greece
 - Department of Mathematics
 - Study Line: Computational Mathematics and Informatics
 - Average Grade: 6.99 out of 10 (top 15% of class)
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Interests

- Algorithmic Game Theory, Mechanism Design, Computational Complexity, Combinatorial Optimization
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Teaching Experience

- Spring Semester 2015:
University of Liverpool, Department of Computer Science
Teaching assistant at the undergraduate course "Computer-based trading in financial markets"
 - Autumn Semester 2014:
University of Liverpool, Department of Computer Science
Teaching assistant at the postgraduate course "Research Methods in Computer Science"
 - Autumn Semester 2014:
University of Liverpool, Department of Computer Science
Teaching assistant at the undergraduate course "Introduction to Computational Game Theory"
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- Autumn Semester 2013:
University of Liverpool, Department of Computer Science
Teaching assistant at the undergraduate course "Introduction to Computational Game Theory"
 - Autumn Semester 2011:
University of Patras, Department of Mathematics
Teaching assistant at the undergraduate course "Introduction to Computer Science"
 - Autumn Semester 2011:
University of Patras, Department of Mathematics
Teaching assistant at the undergraduate course "Numerical Analysis I"
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Publications

1. Argyrios Deligkas, John Fearnley, Rahul Savani and Paul Spirakis. Computing Approximate Nash Equilibria in Polymatrix Games. In Proceedings of the Tenth Conference on Web and Internet Economics (WINE-14), Beijing, China.
 2. Mingyu Guo, Argyrios Deligkas and Rahul Savani. Increasing VCG Revenue by Decreasing the Quality of Items. In Proceedings of the Twenty-Eighth Conference on Artificial Intelligence (AAAI-14), Quebec, Canada.
 3. Mingyu Guo and Argyrios Deligkas. Revenue Maximization via Hiding Item Attributes. In Proceedings of the Twenty-Third International Joint Conference on Artificial Intelligence (IJCAI-13), Beijing, China.
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Reviewer

- PC Member
 - IJCAI 2015
 - Subreviewer
 - AAAI 2013, 2014, 2015
 - AAMAS 2013, 2014, 2015
 - ALGOSENSORS 2015
 - ICALP 2015
 - NetEcon 2015
 - WINE 2013, 2014
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Talks - Presentations

- 2015:
2015 Computing Summer School: University of Liverpool
 - 2013:
ACAC 2013: 8th Athens Colloquium on Algorithms and Complexity, Athens, Greece
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Activities-Seminars-Conferences (Attendance)

- 2015:
 - Clusters, Games and Axioms, Lorentz Center, Leiden, The Netherlands
 - 2014:
 - DIMAP Algorithms Day, University of Warwick
 - Participation in the Trading Agent Competition, TAC AdX
 - 2013:
 - ESRC Workshop on Algorithmic Game Theory, London School of Economics
 - ACAC 2013: 8th Athens Colloquium on Algorithms and Complexity, Athens, Greece
 - Summer School on Matching Problems, Markets, and Mechanisms, Budapest, Hungary
 - 2012:
 - WINE 2012: The 8th Workshop on Internet & Network Economics, Liverpool, United Kingdom
 - Summer school on Algorithmic Game Theory, Samos, Greece
 - Introduction to Game Theory, Patras, Greece
 - 2011:

Free and Open Source Software Communities Conference "FOSSCOMM Patras 2011", Patras, Greece
 - 2009:

26th Panhellenic Conference of Mathematics, Thessaloniki, Greece
 - 2006:

23th Panhellenic Conference of Mathematics, Patras, Greece
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Languages

- Greek (Mother Tongue)
 - English
 - 2002:

First Certificate in English
 - 2003:

Certificate in Advanced English
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Technical Skills

- Operating Systems
 - UNIX/Linux
 - Microsoft Windows
 - Programming Languages
 - C++, Fortran 77/90/95, Java
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- Software for numeric/symbolic/algebraic computation
 - Matlab, SPSS, Mathematica, Maple, winQSB, Precision Tree
- Document presentation systems
 - \LaTeX , Microsoft Office Word