

# Charikleia (Chara) Podimata

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**RESEARCH INTERESTS** Learning in the presence of strategic agents, Mechanism Design and Data Science, Online Learning, Topics on the Interface of Computer Science, Economics & Machine Learning

**EDUCATION** **Harvard University**, Cambridge, MA Aug. 2016 - present  
Ph.D Computer Science  
*Advisor*: Yiling Chen

**National Technical University of Athens**, Greece Sept. 2010 - Jan. 2016  
BSc Electrical Engineering and Computer Science (5-year joint degree)  
*GPA*: 9.5/10  
*Thesis*: “Approximations of Liquid Welfare for Combinatorial Auctions”  
*Advisor*: Dimitris Fotakis

**PUBLICATIONS** **A Bridge between Liquid and Social Welfare in Combinatorial Auctions (Alphabetical Author Order)**  
Dimitris Fotakis, Kyriakos Lotidis and Chara Podimata  
*In Proc. of the 33rd AAAI Conference on Artificial Intelligence (AAAI-19)*  
[\[https://arxiv.org/pdf/1809.01803v1.pdf\]](https://arxiv.org/pdf/1809.01803v1.pdf)

**Learning to Bid Without Knowing your Value**  
Zhe Feng, Chara Podimata and Vasilis Syrgkanis  
*In Proc. of the 19th ACM Conference on Economics and Computation (EC '18)*  
Preliminary version appeared at NIPS '17 Workshop on Learning under the presence of strategic behavior [\[https://arxiv.org/abs/1711.01333\]](https://arxiv.org/abs/1711.01333).

**Strategyproof Linear Regression in High Dimensions**  
Yiling Chen, Chara Podimata, Ariel D. Procaccia and Nisarg Shah  
*In Proc. of the 19th ACM Conference on Economics and Computation (EC '18)*  
**Among the 5 shortlisted papers for the Best Paper Award**  
Preliminary version appeared at NIPS '17 Workshop on Learning under the presence of strategic behavior. [\[https://arxiv.org/pdf/1805.10693.pdf\]](https://arxiv.org/pdf/1805.10693.pdf)

## Preprints

**Strategyproof Linear Regression in High Dimensions: An Overview**  
Yiling Chen, Chara Podimata, Ariel D. Procaccia and Nisarg Shah  
*ACM SIGEcom Exchanges (Research Letter)*. **Invited**

**TALKS** **Learning to Bid Without Knowing your Value**  
2018 INFORMS Annual Meeting, Phoenix, Arizona. **Invited** November 2018  
Google NYC, Algorithms Seminar. **Invited** July 2018  
Yahoo! Research NYC, Algorithms Seminar. **Invited** June 2018

	<b>Strategyproof Linear Regression in High Dimensions</b>	
	The 19th ACM Conference on Economics and Computation	June 2018
	Harvard EconCS, Open House	March 2018
	Harvard EconCS Seminar	March 2018
<b>HONORS &amp; AWARDS</b>	<b>Certificate of Distinction in Teaching</b> , Harvard University	2017
	<b>Harvard Scholarship to attend Grace Hopper Celebration</b>	2017
	<b>Scholarship to attend CRA-W grad cohort</b>	2017
	<b>Harvard Scholarship to attend Grace Hopper Celebration</b>	2016
	<b>Harvard PhD Fellowship</b>	2016
	<b>NTUA “Thomaidio” Award</b> for highest GPA in the year 2015 – 2016	
	<b>NTUA “KARY” Award</b> for highest GPA in the year 2014 – 2015	
	<b>NTUA “Christos Papakyriakopoulos” Award</b> for GPA 10/10 in all math courses	
	<b>Eurobank “A great moment for education”</b> for graduating first from high school in the Nationwide Examination	
	<b>General Secretariat of Youth, Greece “Youth Getting to Know Europe”</b> for highest GPA in High School	
<b>EXPERIENCE</b>	<b>Research Assistant</b> , the EconCS group, Harvard University	June 2017 - present
	<b>Business Intern, Google</b> , Greece	Feb. 2016 - Aug. 2016
	<i>Host:</i> Ilias Sousis	
	<i>Projects:</i> Campaign Optimization, Account Management, Creation of tools for extracting data for the greek online advertising market.	
	<b>Research Assistant, NTUA</b> , Greece	CoReLab, 2014-2016
<b>TEACHING</b>	<b>Teaching Fellow, Harvard University</b>	Fall 2017, Fall 2018
	<i>Course:</i> Introduction to Optimization (AM121)	
	<i>Instructor:</i> Yiling Chen	
	<b>Teaching Assistant, NTUA</b> , Greece	Fall 2015
	<i>Courses:</i> Introduction to programming (PaZcal), Algorithms and Complexity	
	<i>Instructor:</i> Dimitris Fotakis	
<b>PROFESSIONAL SERVICE</b>	<b>Reviewer:</b> SODA '19, WINE '18, SOSA '19	
	<b>Organizer of the EconCS Seminar</b> , Harvard University	Fall '17 - Spring '18
<b>COMMUNITY SERVICE</b>	<b>Google Serve, Athens, Greece</b> , <i>Volunteer</i>	June 2016
	<i>Project:</i> Building a playground for refugee kids in the refugee camp (Elaionas, Greece)	
	<b>Organizing 1st Girls Day event at Google</b> , Greece	Mar. 2016
	As part of my participation at Women@Google	
	<b>Instructor at Code it Like a Girl</b> , Athens, Greece	May 2015 - Sep. 2016
	Code it Like a Girl is a volunteering start-up aiming to bring computers and coding closer to women of all ages	
	<b>Free Preparation for the Greek Nationwide Examination for children of impoverished families</b> , Athens, Greece	2012-2014
<b>EXTRA-CURRICULAR ACTIVITIES</b>	Theatrical Group of NTUA, Athens, Greece	2012 - 2016
	Blood Donor	2012 - present
	Guitar Diploma	2009
	Martial Arts (TaeKwon-Do)	2009
	President of the Student School Board	2008 - 2010