

**Charikleia (Chara) Podimata**  
podimata@g.harvard.edu  
<https://www.charapodimata.com>

---

<b>RESEARCH INTERESTS</b>	Learning in the presence of strategic agents, decision making under uncertainty, online learning, mechanism design, topics at the interface of CS, Economics & ML	
<b>EDUCATION</b>	<b>Harvard University</b> , Cambridge, MA	Aug. 2016 - present
	Ph.D Computer Science	
	<i>Dissertation</i> : “Algorithms for Incentive-Comparable and Incentive-Aware Learning”	
	<i>Advisor</i> : Yiling Chen	
	<b>National Technical University of Athens</b> , Greece	Sept. 2010 - Jan. 2016
	Diploma Electrical Engineering and Computer Science (5-year joint degree)	
	<i>GPA</i> : 9.47/10	
	<i>Thesis</i> : “Approximations of Liquid Welfare for Combinatorial Auctions”	
	<i>Advisor</i> : Dimitris Fotakis	
<b>RESEARCH EXPERIENCE</b>	<b>Research Intern</b> , Google Research NYC	May - August, 2021
	<i>Mentor</i> : Renato Paes Leme	
	<b>Research Intern</b> , Microsoft Research NYC	February - May, 2020
	<i>Mentor</i> : Aleksandrs Slivkins	
	<b>Research Intern</b> , Microsoft Research NYC	May - August, 2019
	<i>Mentor</i> : Jennifer Wortman Vaughan	
	<b>Research Assistant</b> , the EconCS group, Harvard University	June 2017 - present
<b>SELECTED HONORS &amp; AWARDS</b>	<b>Siebel Scholarship</b>	2021-2022
	<b>MSR Dissertation Grant</b>	2021-2022
	Selected as part of the <b>Rising Stars in EECS in Berkeley</b>	2020
	<b>Poster Honorary Mention 14th Annual ML Symposium (NYAS)</b>	2020
	<b>Finalist for 2020 Facebook PhD Fellowship (top 4%)</b>	2020
	<b>Spotlight 2nd Place Prize, 13th Annual ML Symposium (NYAS)</b>	2019
	<b>Finalist of the 2019 Microsoft Research PhD Fellowship</b>	2019
	<b>Certificate of Distinction in Teaching</b> , Harvard University	2017, 2018
<b>TUTORIALS</b>	<b>Algorithms for Incentive-Aware Learning</b>	
	Full-day course in the University of Zurich summer school ( <b>invited</b> )	June 2021
	<b>How to Achieve Both Transparency and Accuracy in Predictive Decision Making: an Introduction to Strategic Prediction</b> , FAccT2021	March 2021
	Co-taught with Benjamin Edelman and Yonadav Shavit	
	<a href="https://www.benjaminedelman.com/tutorial.html">[https://www.benjaminedelman.com/tutorial.html]</a>	
	<b>Incentive-Compatible and Incentive-Aware Learning</b> , EC20	June 2020
	Co-taught with Nika Haghtalab	
	<a href="https://www.charapodimata.com/EC20-tutorial.html">[https://www.charapodimata.com/EC20-tutorial.html]</a>	

- PUBLICATIONS (Alphabetical Author Order)**
- Adaptive Discretization for Adversarial Lipschitz Bandits**  
Chara Podimata and Aleksandrs Slivkins  
*In the Proc. of the 34th Annual Conference on Learning Theory* (COLT2021)  
[\[https://arxiv.org/pdf/2006.12367.pdf\]](https://arxiv.org/pdf/2006.12367.pdf)
- Contextual Search in the Presence of Irrational Agents**  
Akshay Krishnamurthy, Thodoris Lykouris, Chara Podimata, and Robert Schapire  
*In the Proc. of the 53rd ACM Symposium on Theory of Computing* (STOC2021)  
*Major Revision at Operations Research*  
[\[https://arxiv.org/pdf/2002.11650.pdf\]](https://arxiv.org/pdf/2002.11650.pdf)
- Learning Strategy-Aware Linear Classifiers**  
Yiling Chen, Yang Liu, and Chara Podimata  
*In Proc. of the 34th Conference on Neural Information Processing Systems* (NeurIPS2020)  
[\[https://arxiv.org/pdf/1911.04004.pdf\]](https://arxiv.org/pdf/1911.04004.pdf)
- No-Regret and Incentive-Compatible Online Learning**  
Rupert Freeman, David Pennock, Chara Podimata, and Jennifer Wortman Vaughan  
*In Proc. of the 37th International Conference on Machine Learning* (ICML2020)  
Poster Presentation Honorary Mention 14th Annual ML Symposium (NYAS).  
[\[https://arxiv.org/pdf/2002.08837.pdf\]](https://arxiv.org/pdf/2002.08837.pdf)
- Strategyproof Linear Regression in High Dimensions: An Overview**  
Yiling Chen, Chara Podimata, Ariel D. Procaccia, and Nisarg Shah  
*ACM SIGEcom Exchanges (Research Letter)*. Invited  
[\[https://www.sigecom.org/exchanges/volume\\_17/1/CHEN.pdf\]](https://www.sigecom.org/exchanges/volume_17/1/CHEN.pdf)
- A Bridge between Liquid and Social Welfare in Combinatorial Auctions with Submodular Bidders**  
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)  
Spotlight award 2nd place prize at the 13th Annual ML Symposium (NYAS).  
[\[https://arxiv.org/abs/1711.01333\]](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  
[\[https://arxiv.org/pdf/1805.10693.pdf\]](https://arxiv.org/pdf/1805.10693.pdf)
- Working Papers**
- Information Discrepancy in Strategic Learning**  
Yahav Behavod, Chara Podimata, Zhiwei Steven Wu, and Juba Ziani  
[\[https://arxiv.org/pdf/2103.01028.pdf\]](https://arxiv.org/pdf/2103.01028.pdf)

<b>TALKS</b>	<b>Adaptive Discretization for Adversarial Lipschitz Bandits</b> COLT2021	August 2021
	<b>Contextual Search in the Presence of Irrational Agents</b> 2021 INFORMS Annual Meeting, Anaheim, CA STOC2021	October 2021 July 2021
	<b>No-Regret and Incentive-Compatible Online Learning</b> ICML2020	July 2020
	<b>Learning Strategy-Aware Linear Classifiers</b> NeurIPS2020	December 2020
	2020 INFORMS Annual Meeting, Online. <b>(Invited)</b>	November 2020
	Northeastern University Theory Seminar. <b>(Invited)</b>	November 2019
	<b>Workshop on Algorithms for Learning and Economics</b>	July 2019
	<b>A Bridge between Liquid and Social Welfare in Combinatorial Auctions with Submodular Bidders</b> AAAI2019	February 2019
	<b>Learning to Bid Without Knowing your Value</b> 13th Annual Machine Learning Symposium (NYAS). <b>Spotlight Talk</b> 2018 INFORMS Annual Meeting, Phoenix, Arizona. <b>Invited</b> Google NYC, Algorithms Seminar. <b>Invited</b> Yahoo! Research NYC, Algorithms Seminar. <b>Invited</b>	March 2019 November 2018 July 2018 June 2018
	<b>Strategyproof Linear Regression in High Dimensions</b> EC2018	June 2018
<b>PROFESSIONAL SERVICE</b>	<b>PC Member:</b> ALT 2022, WINE 2021, ICML2021 (Expert Reviewer), NeurIPS 2020-2021, COLT 2020-2021, IJCAI 2020, Emerging Track on AI for Social Impact (AAAI-20, AAAI-21)	
	<b>Journal Refereeing:</b> Journal of Machine Learning Research (JMLR), Management Science (MS), Theoretical Computer Science (TCS), Theory of Computing Systems (ToCS)	
	<b>Conference Sub-Refereeing:</b> ICALP 2021, STOC 2021, ALT 2021, ITCS 2021, SODA 2021, WINE 2020, FOCS 2020, EC 2020, NeurIPS 2019, ICML 2019, SODA 2019, WINE 2018-2019, SOSA 2019	
	<b>Organizer of the EconCS Seminar</b> , Harvard University	Fall '17 - Spring '18
<b>PROFESSIONAL EXPERIENCE</b>	<b>Business Intern, Google</b> , Greece <i>Host:</i> Ilias Sousis <i>Projects:</i> Campaign optimization, account management, creation of tools for extracting data for the greek online advertising market.	Feb. 2016 - Aug. 2016
	<b>Teaching Fellow, Harvard University</b> <i>Course:</i> Introduction to Optimization (AM121) <i>Instructor (2017, 2018):</i> Yiling Chen <i>Instructor (2020):</i> Yiling Chen & Margo Levine	Fall 2017, Fall 2018, Fall 2020
<b>Teaching Assistant, NTUA</b> , Greece	Fall 2015	

*Courses:* Introduction to programming (PaZcal), Algorithms and Complexity  
*Instructor:* Dimitris Fotakis

**COMMUNITY  
SERVICE**

**Google Serve, Athens, Greece, Volunteer** June 2016

*Project:* Building a playground for refugee kids in the refugee camp (Elaionas, Greece)

**Organizing 1st Girls Day event at Google, Greece** Mar. 2016

As part of my participation at Women@Google

**Instructor at Code it Like a Girl, Athens, Greece** May 2015 - Sep. 2016

Code it Like a Girl is a volunteering start-up teaching coding to women of all ages.

**Free tutoring for children of impoverished families, Athens, Greece 2012-2014**