

Charikleia (Chara) Podimata

podimata@g.harvard.edu
<https://www.charapodimata.com>

RESEARCH INTERESTS	Learning in the presence of strategic agents, decision making under uncertainty, online learning, mechanism design, topics at the interface of CS, Economics & ML	
EDUCATION	Harvard University , Cambridge, MA	Aug. 2016 - present
	Ph.D in Computer Science <i>Dissertation</i> : “Incentive-Aware Machine Learning” <i>Advisor</i> : Yiling Chen	
RESEARCH EXPERIENCE	Research Intern , Google Research NYC	May - August, 2021
	Research Intern , Microsoft Research NYC	February - May, 2020
RESEARCH EXPERIENCE	Research Intern , Microsoft Research NYC	May - August, 2019
	Research Assistant , the EconCS group, Harvard University	June 2017 - present
SELECTED HONORS & AWARDS	Siebel Scholarship	2021-2022
	MSR Dissertation Grant	2021-2022
	Selected as part of the Rising Stars in EECS in Berkeley	2020
	Poster Honorary Mention 14th Annual ML Symposium (NYAS)	2020
	Finalist for 2020 Facebook PhD Fellowship (top 4%)	2020
	Spotlight 2nd Place Prize, 13th Annual ML Symposium (NYAS)	2019
	Finalist of the 2019 Microsoft Research PhD Fellowship	2019
Certificate of Distinction in Teaching, Harvard University	2017, 2018	
TUTORIALS	Algorithms for Incentive-Aware Learning	
	Full-day course in the University of Zurich summer school (invited)	June 2021
	How to Achieve Both Transparency and Accuracy in Predictive Decision Making: an Introduction to Strategic Prediction, FAccT2021	March 2021
	Co-taught with Benjamin Edelman and Yonadav Shavit [https://www.benjaminedelman.com/tutorial.html]	
	Incentive-Compatible and Incentive-Aware Learning, EC20	June 2020
	Co-taught with Nika Haghtalab [https://www.charapodimata.com/EC20-tutorial.html]	

- PUBLICATIONS** **Contextual Search in the Presence of Irrational Agents**
 (Alphabetical Author Order) Akshay Krishnamurthy, Thodoris Lykouris, Chara Podimata, and Robert Schapire
In the Proc. of the 53rd ACM Symposium on Theory of Computing (STOC21)
Under review after Major Revision at Operations Research
[\[https://arxiv.org/pdf/2002.11650.pdf\]](https://arxiv.org/pdf/2002.11650.pdf)
- Adaptive Discretization for Adversarial Lipschitz Bandits**
 Chara Podimata and Aleksandrs Slivkins
In the Proc. of the 34th Annual Conference on Learning Theory (COLT21)
[\[https://arxiv.org/pdf/2006.12367.pdf\]](https://arxiv.org/pdf/2006.12367.pdf)
- Learning Strategy-Aware Linear Classifiers**
 Yiling Chen, Yang Liu, and Chara Podimata
In Proc. of the 34th Conference on Neural Information Processing Systems (NeurIPS20)
[\[https://arxiv.org/pdf/1911.04004.pdf\]](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 (ICML20)
 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 (AAAI19)
[\[https://arxiv.org/pdf/1809.01803v1.pdf\]](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 (EC18)
 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 (EC18)
 Among the 5 shortlisted papers for the Best Paper Award
[\[https://arxiv.org/pdf/1805.10693.pdf\]](https://arxiv.org/pdf/1805.10693.pdf)
- Preprints**
- 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)

TALKS	Adaptive Discretization for Adversarial Lipschitz Bandits COLT21	August 2021
	Contextual Search in the Presence of Irrational Agents 2021 INFORMS Annual Meeting, Anaheim, CA (Invited)	October 2021
	STOC21	July 2021
	Cornell Young ORIE Researchers Workshop (Invited)	October 2021
	BU Algorithms and Theory Seminar (Invited)	October 2021
	NEU Theory Lunch (Invited)	November 2021
	Stanford Information Systems Laboratory Colloquium	January 2022
	No-Regret and Incentive-Compatible Online Learning ICML20	July 2020
	Learning Strategy-Aware Linear Classifiers NeurIPS20	December 2020
	2020 INFORMS Annual Meeting, Online. (Invited)	November 2020
	Northeastern University Theory Seminar. (Invited)	November 2019
	Workshop on Algorithms for Learning and Economics	July 2019
	A Bridge between Liquid and Social Welfare in Combinatorial Auctions with Submodular Bidders AAAI19	February 2019
	Learning to Bid Without Knowing your Value 13th Annual Machine Learning Symposium (NYAS). (Spotlight Talk)	March 2019
	2018 INFORMS Annual Meeting, Phoenix, Arizona. (Invited)	November 2018
Google NYC, Algorithms Seminar. (Invited)	July 2018	
Yahoo! Research NYC, Algorithms Seminar. (Invited)	June 2018	
Strategyproof Linear Regression in High Dimensions EC18	June 2018	
PROFESSIONAL SERVICE	PC Member: ICML2022, COLT 2020-2022, WINE 2021, ICML2021 (Expert Reviewer, Best Reviewers Award), NeurIPS 2020-2021 (Best Reviewers Award), IJCAI 2020, Emerging Track on AI for Social Impact (AAAI-20, AAAI-21)	
	Journal Refereeing: Journal of Machine Learning Research (JMLR), Management Science (MS), Theoretical Computer Science (TCS), Theory of Computing Systems (ToCS)	
	Conference Sub-Refereeing: 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	
	Organizer of the EconCS Seminar , Harvard University	Fall '17 - Spring '18
PROFESSIONAL EXPERIENCE	Business Intern, Google , Greece <i>Host:</i> Ilias Sousis	Feb. 2016 - Aug. 2016
	<i>Projects:</i> Campaign optimization, account management, creation of tools for extracting data for the greek online advertising market.	
TEACHING	Teaching Fellow, Harvard University <i>Course:</i> Introduction to Optimization (AM121)	Fall 2017, Fall 2018, Fall 2020

Instructor (2017, 2018): Yiling Chen
Instructor (2020): Yiling Chen & Margo Levine

Teaching Assistant, NTUA, 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