

Charikleia (Chara) Podimata

Class of 1942 Career Development Assistant Professor of OR/Stat
MIT Sloan School of Management & MIT EECS LIDS

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RESEARCH INTERESTS	trustworthy and human-aware AI, AI auditing, AI policy-making, decision making under uncertainty, online learning, mechanism design, AI in education
EMPLOYMENT	Class of 1942 Career Development Professor , MIT Sloan Jul. 2024 - present Assistant Professor OR/Stat, MIT Sloan Jun. 2023 - present Principal Investigator Archimedes/Athena RC Jun. 2023 - present Postdoctoral Fellow , UC Berkeley, CA Aug. 2022 - Jul. 2023
EDUCATION	Harvard University , Cambridge, MA Aug. 2016 - Nov. 2022 Ph.D in Computer Science <i>Dissertation</i> : “Incentive-Aware Machine Learning for Decision Making” National Technical University of Athens , Greece Sept. 2010 - Jan. 2016 Diploma in Electrical Engineering and Computer Science (5-year joint degree)
SELECTED HONORS & AWARDS	MIT-Google Computing Innovation Grant (\$140K) 2026 joint with Adam Berinsky & Charles Stewart (MIT Political Science) MITHIC SHASS Connectivity Fund (\$200K) 2026 joint with Adam Berinsky & Charles Stewart (MIT Political Science) Google Research Scholar (\$60K) 2025 MIT GenAI Consortium (\$80K) 2025 MIT Junior Faculty Assistance Program (JFRAP) (\$30K) 2025 x-grant from the MacArthur Foundation (\$50K) 2024 MIT Research Support Committee (\$90K) 2024 Class of 1942 Career Development Professor 2024-2027 Amazon Research Award (\$70K) 2024 FODSI Postdoctoral Fellowship 2022-2023 Siebel Scholarship 2021-2022 MSR Dissertation Grant 2021-2022 Rising Stars in EECS in Berkeley 2020
ADVISING	Valia Efthymiou 2024 - present PhD student at MIT ORC Nicolas Emmenegger 2024 - present PhD student at MIT ORC Ekaterina Fedorova (co-advised with C. Daskalakis) 2023 - present PhD student at MIT EECS Alessandro Morosini (50/50 advising with G. Perakis) 2025 - present PhD student at MIT ORC

Ellery Stahler 2026
MEng student at MIT EECS

Abena Kyereme-Tuah 2026
UROF student at MIT EECS

Alumni

Zijie (Jerry) Zhou (co-advised with P. Jaillet) 2023 - 2025
PhD student at MIT ORC **First Placement:** Asst. Prof. at HKUST

Madeline Celi Kitch 2024 - 2025
Predoctoral RA at MIT **First placement:** PhD student at CMU CS

PUBLICATIONS

Journals

Density-Based Algorithms for Corruption-Robust Contextual Search and Convex Optimization
Renato Paes Leme, Chara Podimata, and Jon Schneider
Mathematics of Operations Research, 2026
[\[https://arxiv.org/pdf/2206.07528.pdf\]](https://arxiv.org/pdf/2206.07528.pdf)

Contextual Search in the Presence of Adversarial Corruptions
Akshay Krishnamurthy, Thodoris Lykouris, Chara Podimata, and Robert Schapire
Operations Research 2022
[\[https://arxiv.org/pdf/2002.11650.pdf\]](https://arxiv.org/pdf/2002.11650.pdf)

Conferences

Automating Auditing of Personalization Systems at Scale with Large Language Models
Alessandro Morosini, Sarah H. Cen, Hedi Driss, Andrew Ilyas, and Chara Podimata
In the Proc. of the 27th Conference on Economics and Computation (EC26)
[\[https://charapodimata.com/files/Auditing_with_LLMs-april2026.pdf\]](https://charapodimata.com/files/Auditing_with_LLMs-april2026.pdf)

Desirable Effort Fairness and Optimality Trade-offs in Strategic Learning
Ekaterina Fedorova, Valia Efthymiou, and Chara Podimata
In the Proc. of the 43rd International Conference on Machine Learning (ICML26)
[\[https://arxiv.org/pdf/2510.19098\]](https://arxiv.org/pdf/2510.19098)

Incentivizing Desirable Effort Profiles in Strategic Classification: The Role of Causality and Uncertainty
Valia Efthymiou, Chara Podimata, Diptangshu Sen, and Juba Ziani
In Proc. of the 39th Conf. of Neural Information Processing Systems (NeurIPS25)
[\[https://www.arxiv.org/pdf/2502.06749\]](https://www.arxiv.org/pdf/2502.06749)

Contextual Dynamic Pricing with Heterogeneous Buyers
Thodoris Lykouris, Sloan Nietert, Princewill Okoroafor, Chara Podimata, and Julian Zimmert
In Proc. of the 39th Conf. of Neural Information Processing Systems (NeurIPS25)

[\[https://www.arxiv.org/pdf/2512.09513\]](https://www.arxiv.org/pdf/2512.09513)

When Should you Offer an Upgrade: Online Upgrading Mechanisms for Resource Allocation

Patrick Jaillet, Chara Podimata, Andrew Vakhutinsky, and Zijie Zhou
In Proc. of the 20th Conference on Web and Internet Economics (WINE24)
Finalist of 2024 INFORMS Service Science Best Student Paper Competition
[\[https://arxiv.org/abs/2402.08804\]](https://arxiv.org/abs/2402.08804)

Grace Period is All You Need: Individual Fairness without Revenue Loss in Revenue Management

Patrick Jaillet, Chara Podimata, and Zijie Zhou
In Proc. of the 20th Conference on Web and Internet Economics (WINE24)
[\[https://arxiv.org/abs/2402.08533\]](https://arxiv.org/abs/2402.08533)

Is Knowledge Power? On the (Im)possibility of Learning from Strategic Interactions

Nivasini Ananthakrishnan, Nika Haghtalab, Chara Podimata, and Kunhe Yang
In Proc. of the 38th Conf. of Neural Information Processing Systems (NeurIPS24)
[\[https://arxiv.org/pdf/2408.08272\]](https://arxiv.org/pdf/2408.08272)

Preferences Evolve and So Should your Bandits: Bandits with Deterministically Evolving States

Khashayar Khosravi, Renato Paes Leme, Chara Podimata, and Apostolis Tsorvantzis
In Proc. of the 25th conference on Economics and Computation (EC24)
[\[https://arxiv.org/pdf/2307.11655.pdf\]](https://arxiv.org/pdf/2307.11655.pdf)

Can Probabilistic Feedback Drive User Impacts in Online Platforms?

Jessica Dai, Bailey Flanigan, Meena Jagadeesan, Nika Haghtalab, and Chara Podimata
In Proc. of the 27th International Conference on Artificial Intelligence and Statistics (AISTATS24) [\[https://arxiv.org/pdf/2401.05304\]](https://arxiv.org/pdf/2401.05304)

Strategyproof Decision-Making in Panel Data Settings and Beyond

Keegan Harris, Anish Agarwal, Chara Podimata, and Steven Zhiwei Wu
In ACM SIGMETRICS Performance Evaluation Review 2024 (SIGMETRICS24)
[\[http://arxiv.org/abs/2211.14236\]](http://arxiv.org/abs/2211.14236)

Calibrated Stackelberg Games: Learning Optimal Commitments Against Calibrated Agents

Nika Haghtalab, Chara Podimata, and Kunhe Yang
In Proc. of the 37th Conf. of Neural Information Processing Systems (NeurIPS23)
Spotlight
[\[https://arxiv.org/pdf/2306.02704.pdf\]](https://arxiv.org/pdf/2306.02704.pdf)

Strategic Apple Tasting

Keegan Harris, Chara Podimata, and Steven Zhiwei Wu
In Proc. of the 37th Conf. of Neural Information Processing Systems (NeurIPS23)
[\[https://arxiv.org/pdf/2306.06250.pdf\]](https://arxiv.org/pdf/2306.06250.pdf)

Corruption-Robust Contextual Search through Density Updates

Renato Paes Leme, Chara Podimata, and Jon Schneider
In Proc. of the 35th Annual Conference on Learning Theory (COLT22)
[\[https://arxiv.org/pdf/2206.07528.pdf\]](https://arxiv.org/pdf/2206.07528.pdf)

Information Discrepancy in Strategic Learning

Yahav Bechavod, Chara Podimata, Zhiwei Steven Wu, and Juba Ziani
In Proc. of the 39th International Conference on Machine Learning (ICML22)
[\[https://arxiv.org/pdf/2103.01028.pdf\]](https://arxiv.org/pdf/2103.01028.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 (STOC21)
[\[https://arxiv.org/pdf/2002.11650.pdf\]](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 Conf. 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
[\[https://www.sigecon.org/exchanges/volume_17/1/CHEN.pdf\]](https://www.sigecon.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

Conformal Language Modeling via Posterior Sampling

Nicolas Emmenegger, Theo X. Olausson, Armando Solar-Lezama, and Chara Podimata

[\[https://arxiv.org/pdf/2606.03731\]](https://arxiv.org/pdf/2606.03731)

Prediction-Powered Inference Across Many Tasks for AI Evaluation & Social Science Research

Nicolas Emmenegger, Ellery Stahler, and Chara Podimata

[\[https://arxiv.org/abs/2605.29249\]](https://arxiv.org/abs/2605.29249)

Large-Scale, Longitudinal Study of Large Language Models During the 2024 US Election Season

Sarah H. Cen, Hedi Driss, Aspen Hopkins, Andrew Ilyas, Aleksander Madry, Charlotte Park, and Chara Podimata

[\[https://arxiv.org/pdf/2509.18446\]](https://arxiv.org/pdf/2509.18446)

Do LLMs Track Public Opinion? A Multi-Model Study of Favorability Predictions in the 2024 U.S. Presidential Election

Riya Parikh, Sarah H. Cen, and Chara Podimata

[\[https://arxiv.org/pdf/2602.06302\]](https://arxiv.org/pdf/2602.06302)

Can Users Fix Algorithms? A Game-Theoretic Analysis of Collective Content Amplification in Recommender Systems

Ekaterina Fedorova, Madeline Celi Kitch, and Chara Podimata

[\[https://arxiv.org/pdf/2506.04525\]](https://arxiv.org/pdf/2506.04525)

Online Scheduling for LLM Inference with KV Cache Constraints

Patrick Jaillet, Jiashuo Jiang, Konstantina Mellou, Marco Molinaro, Chara Podimata, and Zijie Zhou

[\[https://arxiv.org/pdf/2502.07115\]](https://arxiv.org/pdf/2502.07115)

Recommending to Strategic Users

Andreas Haupt, Chara Podimata, and Dylan Hadfield-Menell

[\[https://arxiv.org/pdf/2302.06559.pdf\]](https://arxiv.org/pdf/2302.06559.pdf)

TUTORIALS

Decision-Theoretic Forecasting

EC2025

Co-taught with Nika Haghtalab, Kunhe Yang, and Eric Zhao

Incentive-Aware Machine Learning: A Tale of Robustness, Fairness, Improvement, and Performativity

NeurIPS2022

Do we incentivize honest effort or gaming in incentive-aware learning?

“Optimizing the Efforts of Others” workshop at STOC22 (invited)

Algorithms for Incentive-Aware Learning

Full-day course in the University of Zurich summer school (invited)

Jun. 2021

How to Achieve Both Transparency and Accuracy in Predictive Decision Making: an Introduction to Strategic Prediction, FAccT21
Co-taught with Benjamin Edelman and Yonadav Shavit

Incentive-Compatible and Incentive-Aware Learning, EC2020
Co-taught with Nika Haghtalab

**SELECTED
TEACHING**

Instructor, MIT Sloan

Courses

Data, Models, and Decisions (MIT 15.060) Fall 2023, 2024, 2025

Common Experience in OR (MIT 15.090) Summer 2024, 2025

**PROFESSIONAL
SERVICE**

Senior Area Chair: ICML2025-26, NeurIPS2024-26

Area Chair: NeurIPS2023

Senior PC: COLT2024-26, WWW2025

PC Member: EC2025, FORC2024, EC2024, ICML2024, FAccT2024, WINE2023, COLT 2020-2023, FORC23, EAAMO22-23, NeurIPS2022, ICML2022-2023, FAccT2022, WINE 2021, ICML2021 (**Best Reviewers Award**), NeurIPS 2020-2021 (**Best Reviewers Award**), IJCAI 2020, Emerging Track on AI for Social Impact (AAAI-20, AAAI-21)

Journal Refereeing: Annals of Statistics, Journal of American Statistical Association (JASA), Management Science (MS), Operations Research (OR), Review of Economics and Statistics, Artificial Intelligence Journal (AIJ), Transactions of Machine Learning Research (TMLR), Journal of Machine Learning Research (JMLR), IEEE Transactions on Control of Network Systems (TCNS), Theoretical Computer Science (TCS), Theory of Computing Systems (ToCS)

**COMMUNITY
SERVICE**

LeT-All podcast creator, producer & host 2024-

EC Mentoring Workshop, Organizer EC26

EC / INFORMS Workshop on Market Design, Organizer EC26

EC Mentoring Workshop, Presenter for "How-To" talk EC23

EC Gender Inclusion Workshop, Advisory Committee and Volunteer 2023-

LeT-All, Volunteer Oct. 2022-

EC Mentoring Workshop, Volunteer Panelist EC 2022

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