Grigoris Velegkas

CONTACT
INFORMATION

Address: Room 321, 17 Hillhouse, New Haven, CT 06511
Email: grigoris.velegkas@yale.edu

EDUCATION

Yale University, New Haven, CT, USA   2019 - 2025 (expected)
PhD in Computer Science

Yale University, New Haven, CT, USA   2019 - 2023
MPhil in Computer Science, Honors

Yale University, New Haven, CT, USA   2019 - 2021
MSc in Computer Science, Honors

National Technical University of Athens (NTUA), Athens, Greece   2013 - 2018
BSc & MSc in Electrical Engineering and Computer Science, Honors

EMPLOYMENT

Google Research, Research Intern in Market Algorithms (US-MTV)   May 2023 - August 2023
Hosts: Andres Perlroth, Gagan Aggarwal

Google Research, Student Researcher in Market Algorithms (US-NYC)   October 2023 - now
Host: Yuan Deng

PUBLICATIONS

User Response in Ad Auctions: An MDP Formulation of Long-term Revenue Optimization
Yang Cai, Zhe Feng, Christopher Liaw, Aranyak Mehta, Grigoris Velegkas (alphabetical order)
Web Conference on World Wide Web, 2024 (**WWW 2024**)

Optimal Learners for Realizable Regression: PAC Learning and Online Learning
Idan Attias, Steve Hanneke, Alkis Kalavasis, Amin Karbasi, Grigoris Velegkas (alphabetical order)
37th Annual Conference on Neural Information Processing Systems, 2023 (**NeurIPS 2023**)
Oral Presentation

Replicable Clustering
Hossein Esfandiari, Amin Karbasi, Vahab Mirrokni, Grigoris Velegkas, Felix Zhou (alphabetical order)
37th Annual Conference on Neural Information Processing Systems, 2023 (**NeurIPS 2023**)

Replicability in Reinforcement Learning
Amin Karbasi, Grigoris Velegkas, Lin F. Yang, Felix Zhou (alphabetical order)
37th Annual Conference on Neural Information Processing Systems, 2023 (**NeurIPS 2023**)

Statistical Indistinguishability of Learning Algorithms
Alkis Kalavasis, Amin Karbasi, Shay Moran, Grigoris Velegkas (alphabetical order)
40th International Conference on Machine Learning, 2023 (**ICML 2023**)

Replicable Bandits
Hossein Esfandiari, Alkis Kalavasis, Amin Karbasi, Andreas Krause, Vahab Mirrokni, Grigoris Velegkas (alphabetical order)
11th International Conference on Learning Representations, 2023 (**ICLR 2023**)

Universal Rates for Interactive Learning
Steve Hanneke, Amin Karbasi, Shay Moran, Grigoris Velegkas (alphabetical order)
36th Annual Conference on Neural Information Processing Systems, 2022 (**NeurIPS 2022**)
Oral Presentation

Multiclass Learnability Beyond the PAC Framework: Universal Rates and Partial Concept Classes
Alkis Kalavasis*, Grigoris Velegkas*, Amin Karbasi
36th Annual Conference on Neural Information Processing Systems, 2022 (**NeurIPS 2022**)

Reinforcement Learning with Logarithmic Regret and Policy Switches
Grigoris Velegkas, Zhuoran Yang, Amin Karbasi
36th Annual Conference on Neural Information Processing Systems, 2022 (**NeurIPS 2022**)

Is Selling Complete Information (Approximately) Optimal?
Dirk Bergemann, Yang Cai, Grigoris Velegkas, Mingfei Zhao (alphabetical order)
23rd ACM Conference on Economics and Computation, 2022 (**EC 2022**)

An Efficient ϵ-BIC to BIC Transformation and Its Application to Black-Box Reduction in Revenue Maximization
Yang Cai, Argyris Oikonomou, Grigoris Velegkas, Mingfei Zhao (alphabetical order)
32nd ACM-SIAM Symposium on Discrete Algorithms, 2021 (**SODA 2021**)

How to Sell Information Optimally: an Algorithmic Study
Yang Cai, Grigoris Velegkas (alphabetical order)
12th Innovations in Theoretical Computer Science, 2021 (**ITCS 2021**)

(* Denotes equal contribution)

RESEARCH INTERESTS	Statistical Machine Learning, Reinforcement Learning, Algorithmic Game Theory

HONORS & AWARDS		
	Onassis Foundation Scholarship for Academic Excellence	2020-2024
	Bodossaki Foundation Scholarship for Academic Excellence	2020-2024
	Gerondelis Foundation Scholarship for Academic Excellence	2019-2020
	Eurobank "A great moment for education" Award	2013