

Georgios Chionas

📍 Liverpool, U.K. ✉ g.chionas@liverpool.ac.uk 🐦 Georgios Chionas 🌐 giorgoschionas

Education

University of Liverpool	<i>Oct 2022 - Present</i>
Doctor of Philosophy (Ph.D.) Candidate in Computer Science	
◦ P.h.D. advisors: Prof. Piotr Krysta, Prof. Rida Laraki & Dr. Olga Gorelkina	
National Technical University of Athens (NTUA)	<i>Sept 2015 – Feb 2022</i>
Master of Engineering (M.Eng.): Joint degree in Electrical & Computer Engineering	
◦ GPA: 8.03/10	
◦ Thesis: Evaluation of Social Choice Rules with Ordinal Preferences under Metric Distortion 🔗	
◦ Thesis Advisor: Prof. Dimitris Fotakis, CoReLab (Computation & Reasoning Laboratory)	

Publications

Selling Privacy in Blockchain Transactions	WINE 2025
◦ with Olga Gorelkina, Piotr Krysta, Rida Laraki	
MEV Sharing with Dynamic Extraction Rates 🔗	ACM CCS DeFi 2024
◦ with Pedro Braga, Piotr Krysta, Stefanos Leonardos, Georgios Piliouras, Carmine Ventre	
Who gets the Maximal Extractable Value? A Dynamic Sharing Blockchain Mechanism 🔗	AAMAS 2024
◦ with Pedro Braga, Piotr Krysta, Stefanos Leonardos, Georgios Piliouras, Carmine Ventre	
Combinatorial Group Testing with Selfish Agents 🔗	NeurIPS 2023
◦ with Bodgan Chlebus, Dariusz Kowalski, Piotr Krysta	
Adversarial Contention Resolution Games 🔗	IJCAI-23
◦ with Dariusz Kowalski, Piotr Krysta	

Academic Service

Reviewer

- The 39th Annual Conference on Neural Information Processing Systems (NeurIPS 2025)
- The 17th International Symposium on Algorithmic Game Theory (SAGT 2024)
- Agentic Markets Workshop (part of International Conference on Machine Learning (ICML 2024))
- The 35th ACM Conference on Economics and Computation (EC'24)
- The 23rd International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS 2024)

Teaching Experience

TA, Introduction to Game Theory	Fall 2025
◦ Assisted students with weekly exercises	
◦ Co-taught the module with Prof. Paul Spirakis	
TA, Computational Game Theory	Spring 2025
◦ Assisted students with weekly exercises	
TA, Introduction to Game Theory	Fall 2024
◦ Assisted students with weekly exercises	
◦ Co-taught the module with Prof. Paul Spirakis	
TA, Computational Game Theory	Spring 2024
◦ Assisted students with weekly exercises	
TA, Optimisation	Fall 2023
◦ Assisted students with weekly exercises	

TA, Complexity of Algorithms

Spring 2023

- Assisted students with weekly exercises

Technologies

Languages: Python, Solidity, Javascript

Volunteering

Computer Instructor at Korydallos detoxification prison unit

Feb 2022 - Sept 2022

Taught fundamental principles of Python programming and algorithmic problem solving