

Artem Tsikiridis

POSTDOCTORAL RESEARCHER

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Education

Athens University of Economics and Business

Athens, Greece

PHD IN COMPUTER SCIENCE

06/18 - 04/23

- Area: Algorithmic Game Theory
- Dissertation: Design and Analysis of Auction Mechanisms : Algorithms and Incentives
- Advisor: Prof. Evangelos Markakis

Athens University of Economics and Business

Athens, Greece

MSC IN COMPUTER SCIENCE

10/15 - 07/17

- GPA: 9.4/10 (Excellent)
- Thesis: Multi-unit Auctions - Equilibria and Inefficiency
- Advisor: Evangelos Markakis

Athens University of Economics and Business

Athens, Greece

BSC IN MANAGEMENT SCIENCE & TECHNOLOGY

10/10 - 09/15

- GPA: 8.83/10 (Excellent)
- Stream: Quantitative Methods in Management Science (Operations Research)

Professional Experience

05/23- Today **Postdoctoral Researcher**, CWI (Networks & Optimization Group, hosted by Guido Schafer.), Amsterdam, Netherlands

10/22-12/22 **Research Intern**, CWI (Networks & Optimization Group, hosted by Guido Schafer.), Amsterdam, Netherlands

06/22-07/22 **Research Intern**, Archimedes Unit (Athena Research Center), Athens, Greece

06/18-present **Research & Teaching Assistant**, Athens University of Economics and Business, Athens, Greece

09/17-04/18 **Research & Teaching Assistant**, University of British Columbia, Vancouver, Canada

01/14-12/14 **Intern in Software Engineering**, CERN, Geneva, Switzerland

06/13-08/13 **Intern in Cloud Computing**, CERN, Geneva, Switzerland

Awards & Fellowships

- 2019 **PhD Fellowship (Highest Score)**, Hellenic Foundation for Research and Innovation
2018 **PhD Scholarship**, Department of Informatics, AUEB
2017 **Best Paper Award**, Symposium on Algorithmic Game Theory
2012-2013 **G. Chalkiopoulos Award for Excellence in Undergraduate Studies**, Athens University of Economics and Business

Teaching Experience

- 2019-2022 **Introduction to Algorithms**, Teaching Assistant *AUEB, Greece*
(Spring)
2019-2022 **Game Theory and Decision Theory**, Teaching Assistant *AUEB, Greece*
(Spring)
2018 **Advanced Algorithms**, Teaching Assistant *UBC, Canada*
(Spring)

Publications

WORKING PAPERS

IN REFEREED CONFERENCE PROCEEDINGS

- R. Colini-Baldeschi, S. Klumper, G. Schäfer, A. Tsikiris. To Trust or Not to Trust: Assignment Mechanisms with Predictions in the Private Graph Model, *In Proceedings of the 25th ACM Conference on Economics and Computation* (EC 2024, New Haven, USA)
- G. Amanatidis, S. Klumper, E. Markakis, G. Schäfer, A. Tsikiris. Partial Allocations in Budget-Feasible Mechanism Design: Bridging Multiple Levels of Service and Divisible Agents, *In Proceedings of the 19th Conference on Web and Internet Economics* (WINE 2023, Shanghai, China)
- E. Markakis, G. Papasotiropoulos, A. Tsikiris. On Improved Interval Cover Mechanisms for Crowdsourcing Markets, *In Proceedings of the 15th International Symposium on Algorithmic Game Theory* (SAGT 2022, Colchester, UK).
- E. Markakis, A. Sgouritsa, A. Tsikiris. Towards a Characterization of Worst Case Equilibria in the Discriminatory Price Auction, *In Proceedings of the 17th Conference on Web and Internet Economics* (WINE 2021, remote).
- E. Markakis, A. Tsikiris. On Core-Selecting and Core-Competitive Mechanisms for Binary Single-Parameter Auctions, *In Proceedings of the 15th Conference on Web and Internet Economics* (WINE 2019, New York, USA).
- G. Birmpas, E. Markakis, O. Telelis, A. Tsikiris. Tight Welfare Guarantees for Pure Nash Equilibria of the Uniform Price Auction, *In Proceedings of the 10th International Symposium on Algorithmic Game Theory* (SAGT 2017, L'Aquila, Italy).
Recipient of the Best Paper Award.

JOURNALS

- G. Birmpas, E. Markakis, O. Telelis, A. Tsikiris. Tight Welfare Guarantees for Pure Nash Equilibria of the Uniform Price Auction, *Theory of Computing Systems*, 2019 (supersedes conference publication with the same name)

WORKSHOPS

- K. Karozos, I. Spertalis, A. Tsikiris, D. Trivela, V. Vassalos. Integrating Clinical Data from Hospital Databases, *In Proceedings of the 1st International Workshop on Semantic Web Meets Health Data Management* (SWH 2018, co-located with ISWC, Monterey California, USA).

Service

PROGRAM COMMITTEES

European Conference on Artificial Intelligence (ECAI 2024), Symposium on Algorithmic Game Theory (SAGT 2023)

JOURNAL REVIEWER

Theoretical Computer Science (2023-2024)

SUBREVIEWER

EC (2020, 2022), WINE (2017-2021), ITCS (2020), ICALP (2019), AAMAS (2018), FCT (2021), SAGT (2022-2024), COCCOON (2024)

LOCAL ARRANGEMENTS FOR CONFERENCES

SAGT 2024 (Amsterdam, Netherlands), SAGT 2019 (Athens, Greece), 20PoA (Chania, Greece), ACAC (2017 & 2020, Athens, Greece)