

Artem Tsikiridis

POSTDOCTORAL RESEARCHER

CWI: Science Park 123, 1098 XG Amsterdam, The Netherlands

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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

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| 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

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| 2019 | PhD Fellowship (Highest Evaluation In Country) , 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 (Spring)	Introduction to Algorithms , Teaching Assistant	AUEB, Greece
2019-2022 (Spring)	Game Theory and Decision Theory , Teaching Assistant	AUEB, Greece
2018 (Spring)	Advanced Algorithms , Teaching Assistant	UBC, Canada

Publications

WORKING PAPERS

B. de Keijzer, G. Schäfer, A. Tsikiris, C. Ventre. Willy Wonka Mechanisms On a Budget

IN REFEREED CONFERENCE PROCEEDINGS

G. Amanatidis, F. Fusco, R. Reiffenhäser, A. Tsikiris. Pandora's Box Problem Over Time, *In Proceedings of the 20th Conference on Web and Internet Economics* (WINE 2024, Edinburgh, UK)

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. Birmas, E. Markakis, O. Telis, 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). **Best Paper Award.**

JOURNALS

G. Birmas, E. Markakis, O. Telis, 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. Spartalis, 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

WINE (2024), AAMAS (2025), ECAI (2024), SAGT (2023)

JOURNAL REVIEWER

Theoretical Computer Science (2023-2024)

SUBREVIEWER

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

LOCAL ARRANGEMENTS FOR CONFERENCES

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