

Alexandros Tsigonias-Dimitriadis

CONTACT INFORMATION	Chair of Operations Research, Arcisstr. 21, 80333, Munich, Germany alexandros.tsigonias@tum.de +49 89 289-26889 https://alextsigonias.github.io/
RESEARCH INTERESTS	Economics and Computation, Algorithmic Game Theory, Mechanism Design, Decision Making under Uncertainty, Online Algorithms, Data-driven and Robust Optimization, Pricing and Revenue Management
EDUCATION	<div>Technical University of Munich, Munich, GermanySept. 2018 - present Ph.D. Candidate in Mathematics (AdONE & Operations Research Group) <i>Thesis:</i> Lotteries, Prophets, and Pandora's Box: A New Take on Classic Problems in Mechanism Design and Online Selection <i>Advisor:</i> Prof. Andreas S. Schulz</div> <div>National Technical University of Athens, Athens, GreeceOct. 2012 - June 2018 Diploma in Electrical and Computer Engineering (5-year joint degree) GPA: 8.88/10 (top 5%) Major in Computer Science, Minor in Mathematics & Computer Networks <i>Thesis:</i> Analysis of Opinion Formation Dynamics using Convex Optimization Techniques <i>Advisor:</i> Prof. Dimitris Fotakis</div> <div>Technical University of Munich, Munich, GermanyApr. - Sept. 2016 Erasmus semester, Department of Electrical and Computer Engineering</div>
PUBLICATIONS (Authors are listed alphabetically)	<div>The Secretary Problem with Independent Sampling José Correa, Andrés Cristi, Laurent Feuilloley, Tim Oosterwijk, Alexandros Tsigonias-Dimitriadis Under major revision at <i>Management Science</i> A preliminary version appeared in: <i>32nd ACM-SIAM Symposium on Discrete Algorithms (SODA)</i>2021</div> <div>Robust Revenue Maximization Under Minimal Statistical Information Yiannis Giannakopoulos, Diogo Poças, Alexandros Tsigonias-Dimitriadis Under minor revision at the <i>ACM Transactions on Economics and Computation (TEAC)</i> A preliminary version appeared in: <i>16th Conference on Web and Internet Economics (WINE)</i>2020</div>
WORKING PAPERS	The Impact of Ordering on the Pandora's Box Problem Evangelia Gergatsouli, Rojin Rezvan, Yifeng Teng, Alexandros Tsigonias-Dimitriadis
RESEARCH VISITS	<div>Sapienza Università di Roma, Rome, ItalyMar. 2022 (planned) <i>Host:</i> Prof. Stefano Leonardi</div> <div>Universidad de Chile, Santiago, ChileNov. - Dec. 2019 <i>Host:</i> Prof. José Correa</div>
TALKS	<i>Robust Revenue Maximization Under Minimal Statistical Information</i> 16th Conference on Web and Internet Economics (WINE) Dec. 2020

	AdONE Research Seminar, TU Munich	Nov. 2019
	ACGO Seminar, Universidad de Chile	Nov. 2019
	<i>The Secretary Problem with Independent Sampling</i>	
	INFORMS Annual Meeting	Oct. 2021
	AdONE Research Seminar, TU Munich	May 2020
SCHOLARSHIPS & AWARDS	COST Action STSM Grant	2021
	Funding for research visit at Sapienza Università di Roma	
	AdONE start-up funding	2021-22
	Research grant from the German Research Foundation (DFG)	
	IGSSE PhD Scholarship	2018-21
TEACHING EXPERIENCE	Technical University of Munich , Munich, Germany	
	Special Topics in Algorithmic Game Theory, TA	Spring 2019
	Co-supervisor of two Master students	Spring 2021
	National Technical University of Athens , Athens, Greece	
	Algorithms and Complexity, TA	Fall 2017
	Private Tutor , Athens, Greece	2013 - 2016
	Mathematics and Physics for high school students	
SERVICE & ADMINISTRATION	Organizer of the AdONE (Advanced Optimization in a Networked Economy) research group retreat	2020
COMPUTER SKILLS	Programming: Python, C, C++ Software and Tools: Git, Mathematica, Gurobi, \LaTeX	
LANGUAGES	English (fluent), Greek (native), Spanish (fluent), German (advanced), French (basic)	
OTHER ACTIVITIES	Member of IEEE, NTUA Student Branch	2015-16
	Volunteer, The Smile of the Child (NGO)	2015-16
	Hobbies: Piano, Reading, Cycling	