

Alexandros Tsigonias-Dimitriadis

CONTACT INFORMATION	Department of Industrial Engineering, Republica 701, Santiago, Chile alexandrostsigidim@gmail.com +56 982808-251 https://alextsigonias.github.io/
RESEARCH INTERESTS	Economics and Computation, Algorithmic Game Theory, Mechanism Design, Sequential Decision-Making under Uncertainty, Online Optimization, Data-Driven Algorithm Design, Pricing and Revenue Management
EMPLOYMENT	University of Chile , Santiago de Chile Aug. 2022 - July 2023 Postdoctoral Researcher , Information and Computation in Market Design (ICMD) Group Host: Prof. José R. Correa
EDUCATION	Technical University of Munich , Germany Sept. 2018 - July 2022 Ph.D. , TUM School of Computation, Information and Technology AdONE PhD program & Operations Research Group Thesis: Lotteries, Prophets, and Pandora's Box: A New Take on Classic Problems in Mechanism Design and Online Selection Advisor: Prof. Andreas S. Schulz National Technical University of Athens , Greece Oct. 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 Thesis: Analysis of Opinion Formation Dynamics using Convex Optimization Techniques Advisor: Prof. Dimitris Fotakis Technical University of Munich, Germany Apr. - Sept. 2016 Erasmus semester, Department of Electrical and Computer Engineering
JOURNAL ARTICLES (Authors are listed alphabetically)	<i>Robust Revenue Maximization Under Minimal Statistical Information</i> Yiannis Giannakopoulos, Diogo Poças, Alexandros Tsigonias-Dimitriadis <i>ACM Transactions on Economics and Computation (ACM TEAC)</i> , Forthcoming An extended abstract appeared in <i>WINE'20</i>
CONFERENCE PUBLICATIONS (Authors are listed alphabetically)	<i>The Secretary Problem with Independent Sampling</i> José Correa, Andrés Cristi, Laurent Feuilloley, Tim Oosterwijk, Alexandros Tsigonias-Dimitriadis <i>32nd ACM-SIAM Symposium on Discrete Algorithms (SODA'21)</i> <i>Robust Revenue Maximization Under Minimal Statistical Information</i> Yiannis Giannakopoulos, Diogo Poças, Alexandros Tsigonias-Dimitriadis <i>16th Conference on Web and Internet Economics (WINE'20)</i>
WORKING PAPERS	<i>Prophet Inequalities via the Expected Competitive Ratio</i> Tomer Ezra, Stefano Leonardi, Rebecca Reiffenhäuser, Matteo Russo, Alexandros Tsigonias-Dimitriadis <i>Under Review</i>

The Secretary Problem with Independent Sampling
 José Correa, Andrés Cristi, Laurent Feuilloley, Tim Oosterwijk, Alexandros Tsionias-Dimitriadis
 Major Revision, **Management Science**
 A preliminary version appeared in *SODA'21*

The Impact of Ordering on the Pandora's Box Problem
 Evangelia Gergatsouli, Rojin Rezvan, Yifeng Teng, Alexandros Tsionias-Dimitriadis

RESEARCH VISITS **Sapienza Università di Roma**, Italy Mar. 2022
 Host: Prof. Stefano Leonardi

Universidad de Chile, Chile Nov. - Dec. 2019
 Host: Prof. José Correa

SELECTED TALKS & POSTERS *Prophet Inequalities via the Expected Competitive Ratio*
 ACGO Seminar, Universidad de Chile Aug. 2022

The Secretary Problem with Independent Sampling
 Workshop on Algorithms for Learning and Economics (WALE), Poster June 2022
 INFORMS Annual Meeting Oct. 2021

Robust Revenue Maximization Under Minimal Statistical Information
 16th Conference on Web and Internet Economics (WINE) Dec. 2020
 AdONE Research Seminar, TU Munich Nov. 2019

SCHOLARSHIPS & AWARDS COST Action STSM Grant 2022
 Funding from the COST Action for research visit at the Sapienza University of Rome

AdONE start-up funding 2021-22
 Funding from the German Research Foundation (DFG) for early-stage researchers

IGSSE PhD Scholarship 2018-21

TEACHING EXPERIENCE Technical University of Munich, Germany
Teaching Assistant, Special Topics in Algorithmic Game Theory Spring 2019
Co-supervisor of two Master theses

National Technical University of Athens, Greece
Teaching Assistant, Algorithms and Complexity Fall 2017

Private Tutor, Athens, Greece 2013 - 2016
 Mathematics and Physics for high school students

PROFESSIONAL SERVICE *Conference reviewing*: EC, SODA, SAGT
Organizer of the AdONE (Advanced Optimization in a Networked Economy) research group retreat 2020

COMPUTER SKILLS Programming: Python, C, C++
 Software and Tools: Gurobi, Git, \LaTeX , Mathematica

LANGUAGES English (fluent), Greek (native), Spanish (fluent), German (advanced), French (basic)

OTHER
ACTIVITIES

Member of IEEE, NTUA Student Branch
Volunteer, The Smile of the Child (NGO)
Hobbies: Piano, Reading, Cycling

2015-16
2015-16