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EDUCATION

2024 (expected)	Ph.D. in Economics, University of Oklahoma
	Dissertation: Network science applications in industrial organization.
	Chair: Georgia Kosmopoulou
2019	M.S. in Economics, East Carolina University
2019	M.S. in Computer Science, East Carolina University
2015	M.S. in Management Engineering, Politecnico di Milano
2010	B.S. in Industrial Engineering, University of Tehran

RESEARCH FIELDS

Primary:	Applied Microeconomics, Industrial Organization
Secondary:	Machine Learning Applications

PUBLICATIONS

2023	"Technology use, work adaptation and economic vulnerability during COVID-19" (with G. Kosmopoulou, S. Connely, Y. Gujar, M. Fichtel and H. Sun), *Southern Economic Journal*, 90, 1 2023, 31-34. (First author)

JOB MARKET PAPER

"Networks, Platforms and Auction Pricing: Evidence from the NFT Art Market" (with Georgia Kosmopoulou and Carlos Lamarche)

In this paper, we study the Non-fungible Token (NFT) art marketplace to gain insights into how trading networks, platform connections, and social media interactions impact prices. We focus on the interdependence among artists, collectors, and sellers, each with varying levels of influence and visibility. Our findings reveal differential effects on the price distribution: for lower-valued NFTs, seller trading networks primarily dictate prices, whereas for higher-valued NFTs, the influence of platform connections, specifically popularity, emerges as a critical pricing factor. Buyers often perceive extensive trading networks as validation for higher bids, while involvement in the platform community and social media interactions appear to have no bearing on prices. Our research underscores that in decentralized markets, the power to set prices rests to a large extent with trading networks and platform connections, while their relative influence varies based on the NFT's value.

WORKING PAPERS

"Network Dynamics in The US Airline Industry" (with Lei He, Myongjin Kim and Georgia Kosmopoulou)

We studied the evolution of subcontracting networks of airline carriers in the U.S. and the effect of COVID-19 on competition and cooperative behaviors in the airline industry. We show how shelter-in-place restrictions during the pandemic affected the market and altered the subcontracting networks of airlines. Using Bayesian estimation, we find the probability of link formation based on the rivals' network, past relationships, and types of service. Additionally, we examine the impact of shelter-in-place restrictions on the market exit decisions of regional airlines.

WORKS IN PROGRESS

"Airline Route Networks and Subcontracting in the Pandemic Era" (with Lei He, Myongjin Kim, Georgia Kosmopoulou and Qihong Liu)
"Beyond value: Investigating reputation effect on resale prices in NFT auctions."

PRESENTATIONS

2023 (scheduled)	"Networks, Platforms and Auction Pricing: Evidence from the NFT Art Market", Southern Economic Association Conference, New Orleans LA
2023	"Network Dynamics in The US Airline Industry", Conference on Network Science and Economics, Blacksburg VA
2022	"Network Dynamics in The US Airline Industry", Southern Economic Association Conference, Fort Lauderdale FL

FELLOWSHIPS & AWARDS

2023	Dodge Family College of Arts and Science Dissertation Completion Fellowship, University of Oklahoma
2023	Chong Liew Summer Research Award 1st Place, University of Oklahoma
2022	Dodge Family College of Arts and Science Dissertation Research Fellowship, University of Oklahoma
2021	Chong Liew Summer Research Honorable Mention Award, University of Oklahoma
2020	Chong Liew Runner Up, Outstanding First-Year Student award, University of Oklahoma

TEACHING EXPERIENCE

University of Oklahoma	Principles of Economics - Macro	Summer	2023
	Principles of Economics - Micro	Fall	2022
	Elements of Statistics	Summer	2022
	Intermediate Microeconomics	Summer	2021

EMPLOYMENT

2022-	Graduate Research Assistance, University of Oklahoma
2020-2022	Research Assistantship, NSF grad award (#2027332) S. Connelly (PI), G. Kosmopoulou (co-PI), H. Sun (co-PI)
2019-2020	Graduate Teaching Assistance, University of Oklahoma
2017-2019	Graduate Assistant, East Carolina University
2015-2017	Business Analyst, Bcube S.p.A.
2010-2013	Project Manager, Niroo Research Institute

SKILLS

Coding Expertise:	Python, Stata, R, C++, LaTeX, MATLAB, SQL, Git
Coding Experience:	Julia, Java, SAS, SLURM
Languages:	English (Fluent), Italian (advanced), Persian (native)

REFEREE EXPERIENCE

Southern Economic Journal

REFERENCES

Georgia Kosmopoulou
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