Donghao Zhu

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EDUCATION

Technical University of Munich, Germany   2019 –
TUM School of Management/Department of Informatics
Ph.D. candidate in Managerial Science and Applied Economics
Committee: Dr. Stefan Minner and Dr. Martin Bichler

The University of Tokyo, Japan   2016 – 2019
Graduate School of Arts and Sciences
M.Sc. in Multidisciplinary Sciences (Math & Computer Sciences)
Advisor: Dr. Naonori Kakimura

SooChow University, China   2012 – 2016
B.A. in Engineering (Honors Program)

RESEARCH INTERESTS

Applied Economy: Platform Economics, Matching Theory, Market Design, Policy & Data Analysis
Methodology: Stochastic Optimization, Agent-based Simulation, Reinforcement Learning
Theoretical Computer Science: Complexity Analysis, Approximation Algorithm Design

PUBLICATIONS

1. N. Kakimura and **D. Zhu**. Dynamic Bipartite Matching Market with Arrivals and Departures. *ACM WINE (Web and Internet Economics) 2021.*

WORKING PAPERS

Available upon request.

WORK-IN-PROGRESS

Available upon request.

TEACHING EXPERIENCE

Teaching Assistant, TUM School of Management

- Advanced Seminar Operations & Supply Chain Management   2021

CONFERENCE PRESENTATIONS

Dynamic Matching Market

- ACM WINE 2021 Conference, Virtual   Dec 2021

STUDENT ADVISING

Senior Thesis Advising:

- Laurin Krusselberg, Master in Management & Technology, Technical University of Munich   2021
- Eloise Gilbert, Master in Management & Innovation, Technical University of Munich   2021

Master Thesis:

- Susanne Baur, Technical University of Munich   2020

Bachelor Thesis:

- Ricardo Vera, Technical University of Munich   2021
- Izel Teker and Irina Lyan, Technical University of Munich   2020

SKILLS

Programming/Software: Python, C, R, Matlab, Julia, html, LaTeX

REFERENCES

Available upon request.