Ranger Chung

(86) 151-5110-3967 | 2020200977@ruc.edu.cn | https://arcora.github.io/RangerChung.github.io

EDUCATION

Renmin University of University   **Beijing**
Bachelor of Law, PPE (Philosophy, Politics and Economics)   *Jul 2025 (Expected)*
- **Major GPA:** 3.93/4.00   **Rank:** 1/28
- Relevant Coursework:
     Econ: Topics in Microeconomics (mechanism design and information design), Topics in Macroeconomics (misallocation and migration), Advanced Microeconomics, Econometrics, International Economics
     Math and CS: Functional Analysis, Real Analysis, Topology, Probability Theory, Machine Learning, Statistics, Linear Algebra, Calculus, Mathematical Modeling, Mathematical Logic
     Other PPE courses: Tradition, Modernity and Globalization, Comparative Institutional Analysis, Ethics, Western Philosophy, Ancient Greek Classic Study (*The Republic*)
     Mini Ph.D. lecture on Organization Economics   *Aug 2023*
        Lecturer: Eyal Winter (Lancaster University)

RESEARCH INTESETS

Primary Focus
Mechanism Design, Information Design and Learning Theory
- How the design and pricing of information products differs from traditional products
- How people form belief and decision models/frameworks

WORKING PAPER, WORK IN PROGRESS AND PRESENTATIONS

[Work in Progress] Screening with Information Products
With Jingmin Huang and Wei Zhao
Design the menu with public information structure to screen the agents without elicitation.

[Note] On the Existence of the Fully Informative Experiment in the Optimal Menu
With Jingmin Huang and Wei Zhao

Abstract: In their analysis of screening with information products, Bergemann, Bonatti and Smolin (2018) showed the existence of fully informative information in optimal menu. We provide an additional proof to its existence in the direct mechanism framework and reemphasize the key difference between screening with tradition products and information products lies in the non-congruent preference order for information products due to different priors and the existence of common most-preferred products, i.e. fully informative experiment, thus emphasizing the rents extraction balancing vertical and horizontal values of information.

[Presentations] I have made many presentations in Theory Reading Group or Literature Course. All materials can be downloaded in my personal website. The tex file can be requested via email.

TEACHING

Theory of Industrial Organization
Teaching Assistant for Zhonghong Kuang in Sep-Dec 2023
- Deliver guest lectures, including contest theory (Tullock game), auction theory(1-st price and 2-nd price auction), elements in mechanism design with transferrable utility
- Grade assignments, presentations and exam papers, and answer relevant questions

AWARDS

2023 Integrated Innovation Outstanding Student Scholarship, Industrial and Commercial Bank of China

2023 Academic Excellence Award, Renmin University of China

2023 First Prize in Mathematical Modeling Contest of RUC, Renmin University of China

2022 National Level Project Approval for Innovation and Entrepreneurship, Ministry Education of the People`s Republic of China

2021 Academic Excellence Award , Renmin University of China

SKILLS

Languages: Mandarin (Native), English
Coding: Matlab, Stata, Python, ArcGIS, Mathematica