YICHI ZHANG

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RESEARCH INTERESTS

Information elicitation, mechanism design, incentive-aware learning and decision making, problems at the interface of AI and economics. Applications of interests include crowdsourcing, peer review, peer grading, recommender system, and generative AI.

EDUCATION

University of Michigan, Ann Arbor (Umich) Sep 2019 - Present
Ph.D. in School of Information
Advisor: Grant Schoenebeck

Shanghai Jiao Tong University (SJTU) Aug 2015 - Jun 2019
B.S. in Electronic Science and Engineering

University of California, Los Angeles (UCLA) Jul 2018 - Sep 2018
CSST (summer research program), Department of Computer Science
Advisor: Mario Gerla

PUBLICATIONS

Information Elicitation From Rowdy Crowds
Grant Schoenebeck, Fang-Yi Yu and **Yichi Zhang** (ranked by alphabet)
In Proceedings of the 30th Annual World Wide Web Conference *(TheWebConf 2021)*
[https://dl.acm.org/doi/abs/10.1145/3442381.3449840]

A System-Level Analysis of Conference Peer Review
Yichi Zhang, Fang-Yi Yu, Grant Schoenebeck and David Kempe
In Proceedings of the 23rd ACM Conference on Economics and Computation *(EC 2022)*
[https://arxiv.org/abs/2303.09020]

High-Effort Crowds: Limited Liability Via Tournaments
Yichi Zhang and Grant Schoenebeck
In Proceedings of the 32nd Annual World Wide Web Conference *(TheWebConf 2023)*
[https://dl.acm.org/doi/abs/10.1145/3543507.3583334]

Multi-task Peer Prediction Under Task-Dependent Strategies
Yichi Zhang and Grant Schoenebeck
In Proceedings of the 32nd Annual World Wide Web Conference *(TheWebConf 2023)*
[https://dl.acm.org/doi/abs/10.1145/3543507.3583292]

SELECTED TALKS

Improving Conference Review Via Mechanism Design

- Renmin University of China August 2023
- Peking University CFCS seminar July 2023
- University of Michigan DSCSS seminar April 2023
- University of Pennsylvania March 2023

TEACHING

Teaching assistant (GSI), Umich **Fall 2021**
Course: Deep Learning (SIADS 642)
Instructor: Paramveer Dhillon
Course: Network Analysis (SIADS 642)
Instructor: Daniel Romero

Teaching assistant (GSI), Umich **Winter 2021**
Courses: Big Data Analysis (SI 699)
Instructor: Misha Teplitskiy

AWARDS

- The Web Conference Student Scholarship. 2021
- EIC Education Scholarship (top 5%). 2018
- Samsung Scholarship (top 3%). 2017

SERVICE

Reviewer/PC member: WINE 2023, EC 2023, WWW 2023, EC 2022, WWW 2022