

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*)

[\[https://dl.acm.org/doi/abs/10.1145/3442381.3449840\]](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*)

[\[https://arxiv.org/abs/2303.09020\]](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*)

[\[https://dl.acm.org/doi/abs/10.1145/3543507.3583334\]](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*)

[\[https://dl.acm.org/doi/abs/10.1145/3543507.3583292\]](https://dl.acm.org/doi/abs/10.1145/3543507.3583292)

SELECTED TALKS

Improving Conference Review Via Mechanism Design

- | | |
|---|-------------|
| • Renmin University of China, Gaoling School of Artificial Intelligence | August 2023 |
| • Peking University, CFCS seminar | July 2023 |
| • University of Michigan, DSCSS seminar | April 2023 |
| • University of Pennsylvania, Wharton Statistics and Data Science | March 2023 |

TEACHING

Teaching assistant (GSI), Umich

Winter 2022

Courses: Big Data Analysis (SI 699)

Instructor: Misha Teplitskiy

Teaching assistant (GSI), Umich

Fall 2021

Course: Deep Learning (SIADS 642)

Instructor: Paramveer Dhillon

Course: Network Analysis (SIADS 642)

Instructor: Daniel Romero

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