KUO, MING-WEI

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EDUCATION

Michigan State University, US   *Sept. 2022 - Present*
PhD in Mathematics (in progress)

National Taiwan University, Taiwan   *Aug. 2021 - Jan. 2022*
Master of Science in Mathematics (drop out)

National Taiwan University, Taiwan   *Sept. 2017 - Jun. 2021*
Bachelor of Science in Mathematics
Minor in Physics
Math major GPA: 4.11/4.3

RESEARCH INTEREST

Probability

- *Stochastic PDEs*:

    PDEs (partial differential equations) is a theory which models and describes a wide range of phenomena in science, such as how the particles move, how the wave transits. And stochastic PDEs is a theory which incorporates randomness or stochastic elements into the modeling of systems described by partial differential equations.

HONORS AND AWARDS

- **Dean's Award of College of Science**   *2021*
  College of Science, National Taiwan University

- **Presidential Award**   *Fall 2020*
  Department of Mathematics, National Taiwan University

- **Chow Hung-Ching Scholarship**   *2019*
  Institute Of Mathematics Academia Sinica, Taiwan

- **Zhang Yang Scholarship**   *Spring 2019*
  Department of Mathematics, National Taiwan University

- **Presidential Award**   *Spring 2018*
  Department of Mathematics, National Taiwan University

- **Li Tong Scholarship**   *Fall 2018*
  Department of Mathematics, National Taiwan University

- **Zhang Yang Scholarship**   *Spring 2017*
  Department of Mathematics, National Taiwan University

- **Presidential Award**   *Fall 2017*
  Department of Mathematics, National Taiwan University

SEMINAR / CONFERENCE / WORKSHOP

- **2023 Workshop on Stochastic Analysis, Random Fields, and Applications**   *Aug. 14-16 2023*
  Department of Statistics and Probability, MSU

- **Probability Seminar**   *Fall 2023*
  MSU

- **Probability Seminar**   *Spring 2024*
  MSU

TALKS

- **Wigner's Semicircle Law**   *Mar. 2023*
  Random Matrix Theory Student seminar   MSU

TEACHING EXPERIENCE

- **Teaching Assistance of *MATH 133 Calculus 2***   *Spring 2024*
  Department of Mathematics, MSU

- **Tutor of *MLC (Math Learning Center)***   *Fall 2022 - Spring 2023*
  Department of Mathematics, MSU

- **Teaching Assistance of *Introduction to Geometry***   *Fall 2021*
  Department of Mathematics, National Taiwan University

- **Teaching Assistance of *Geometry (II) (Honor course)***   *Spring 2020*
  Department of Mathematics, National Taiwan University