Yuqian Gui (桂雨谦)

PERSONAL INFORMATION

PRESENT ADDRESS: Tsinghua University, Haidian District, Beijing, China
CONTACT INFORMATION: guiyq.thu@gmail.com

EDUCATION

- **BS in Physics,** Zhili College, Tsinghua University, Beijing   Sept 2020-June 2024
  Average GPA: 3.85/4.00, excelled in Lineal Algebra, Quantum Mechanics, Observational Astronomy, Galactic Dynamics, etc.
- **PhD Candidate,** Department of Astronomy, Tsinghua University   July 2024-Now

AWARDS AND HONORS

Comprehensive Excellence Scholarship, Tsinghua University	Dec 2023
Comprehensive Excellence Scholarship, Tsinghua University	Dec 2022
Excellent Volunteer Scholarship, Zhili College	Dec 2022
Excellent member of the Communist Youth League, Tsinghua University	Oct 2022
Comprehensive Excellence Scholarship, Tsinghua University	Dec 2021

RESEARCH EXPERIENCE AND INTERESTS

- **Current interest:**

Evolution of galaxies associated with merger history and large-scale structure; Episodic star formation history of SF galaxies; Origin of the diversity of galaxies

- **Undergraduate Research Training**   Summer 2022 – Spring 2024

Joined "Mass-Production for KMTNet AnomalyFinder Planets" project which analyzes 2016-2019 microlensing events and published a paper about 2017 low-cadence events

- **Big Data Methods for Experimental Physics Coursework**   Summer 2022

A toy model of Jiangmen Underground Neutrino Observatory (JUNO) using neural network

PUBLICATIONS

1. **Gui, Y.**, Zang, W., Zhai, R., et al., Systematic KMTNet Planetary Anomaly Search. XII. Complete Sample of 2017 Subprime Field Planets, 2024, AJ, 168, 49. doi:10.3847/1538-3881/ad4ce5.

SKILLS

- Good knowledge of astronomy and statistical analysis
- Ability to work and communicate with project teams
- Strong problem solving, project management and organizational skills