

Zexuan Wu

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Education

Ph.D. student in Astronomy, Peking University	Sept 2023–present
Thesis Advisor: Prof. Subo Dong	
The 12 th VLTI School of Interferometry	Sept 2024
B.Sc. in Astronomy, Peking University, China	Sept 2019–Jul 2023

Talks

Invited Talk, The First Annual Science Meeting of the Earth 2.0 (ET) Space Mission, Shanghai	Aug 2025
Invited Talk, PDS workshop, Tsinghua University, Beijing	May 2025
Talk, 26 th International Microlensing Conference, Livermore, CA (USA)	Feb 2024
Talk, Exoplanets & Planet Formation Workshop 2023, Beijing	Dec 2023
Talk, The Lin-Bridge Exoplanet Symposium, Nanjing University	Aug 2023

Publication List

1. “Industrial-Scale” Black Hole Selection without a Satellite

Zexuan Wu, Subo Dong, Andrew P. Gould, P. Mróz and A. Mérand; arXiv e-prints; 2025, arXiv:2509.05406

2. Observations of Microlensed Images with Dual-field Interferometry: On-sky Demonstration and Prospects

P. Mróz, S. Dong, A. Mérand, J. Shangguan, J. Woillez, A. Gould, A. Udalski, F. Eisenhauer, Y.-H. Ryu, **Z. Wu** and 49 authors; The Astrophysical Journal; 2025, 980, 47

3. First Resolution of Microlensed Images of a Binary-lens Event

Zexuan Wu, Subo Dong, A. Mérand, Christopher S. Kochanek, Przemek Mróz, Jinyi Shangguan, G. Christie, T.-G. Tan, T. Bensby, J. Bland-Hawthorn, Sven Buder, Frank Eisenhauer, Andrew P. Gould and 62 authors; The Astrophysical Journal; 2024, 977, 229

4. Gaia22dkvLb: A Microlensing Planet Potentially Accessible to Radial-velocity Characterization

Zexuan Wu, Subo Dong, Tuan Yi, Zhuokai Liu, Kareem El-Badry, Andrew Gould and 47 authors; The Astronomical Journal; 2024, 168, 62