

Ruizhi Zhan

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Education



Ph.D. in Atmospheric Sciences

Department of Atmospheric and Oceanic Sciences, School of Physics, Peking University

September 2022 - Present

Beijing, China

- Advisor: Prof. Daniel D.B. Koll



B.S. in Physics

School of Physics and Technology, Wuhan University

September 2018 - June 2022

Wuhan, Hubei province, China

- Cumulative GPA: 3.87/4.00

Publications

Ruizhi Zhan, Daniel D.B. Koll and Feng Ding. Novel Atmospheric Dynamics shape Inner Edge of Habitable Zone around White Dwarfs, *The Astrophysical Journal*, 971, 125, <https://iopscience.iop.org/article/10.3847/1538-4357/ad54c1>

Selected Awards

National Scholarship

top 1%

November 2021

Wuhan University

First-class Scholarship of Wuhan University

top 5%

October 2021

Wuhan University

Cushman & Wakefield Scholarship

30 students per year

October 2024

Peking University

Presentations & Posters

Zhan R, D.D.B. Koll. The Habitable Zone Inner Edge Around White Dwarfs.

Poster presentation

AGU 2022 conference

online, 16 Dec 2022

Zhan R, D.D.B. Koll. Novel Atmospheric Dynamics Shape Habitable Zone Inner Edge Around White Dwarfs.

Poster presentation

Exoclimes VI conference

University of Exeter, U.K., 29 June 2023

Zhan R, D.D.B. Koll. Modeling the Atmosphere of 55 Cancri e with a Non-grey General Circulation Model.

Oral presentation

AGU 2024 conference

Washington, D.C., U.S., 10 Dec 2024

Teaching

Teaching Assistant for Fundamental Planetary Science

Peking University

Fall 2023

Teaching Assistant for Fluid Dynamics

Peking University

Spring 2024

Skills

Programming Languages
Softwares

Python | LaTeX | shell | C++ | Fortran
Mandarin Chinese (native) | English (TOEFL 98)
ExoCAM | Isca