



Curriculum Vitae



Basic Information

Name: Ruiqi Yang (杨锐祺)

School: School of Physics and Astronomy(SPA)

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Zhuhai 519082, China



Education

Language

College English Test-4: **622** College English Test-6: **504**

Honors

Sun Yat-sen University Special Scholarship

2021-2022

Second Prize of Outstanding Student Scholarship of Sun Yat-sen University

2022-2023

Programming Skills

Familiar with Linux command line operations, have certain programming skills in Python and C++, and can skillfully use edit tools such as \LaTeX and Markdown.

Research Experience

Hydrodynamic Simulation of Protoplanetary Disks(PPDs)

Jun. 2023-Present

Based on the ATHENA++ 2D code, I performed several simulations under different viscosities, scale heights, and other parameters, analyzed the dynamic evolution features behind the results.

Hydrodynamic Simulation of the Circumbinary Disks(CBDs)

Dec. 2023-Present

Based on the ATHENA++ code, the evolution of the central binary system and the outer CBDs will be simulated. Additionally, planets will be added in the CBDs, and the interactions among central binary, circumbinary disk and planets will be discussed. This is a School-level project of Sun Yat-sen University's 2024 National College Student Innovation and Entrepreneurship Training Project, I am the project leader.

Code/Astro 2024

Jul. 2024

Participated in the Code/Astro 2024 Summer School online, and our team released an open source ATHENA++ Python plot package.

Protoplanetary Disks and Planet Formation Summer School and Seminar

Aug. 2024

Club and Sports Experience

Committee member of the Astronomy Club of Sun Yat-sen University

2021-Present

Captain of the long-distance running team of SPA

2022-2023

Vice captain of the long-distance running team of SPA

2023-2024

Finished 2023 Zhaoqing Half-Marathon

Nov. 2023

Finished 2023 Jiangmen Half-Marathon

Dec. 2023