



Curriculum Vitae



Basic Information

Name: Ruiqi Yang (杨锐祺)

School: School of Physics and Astronomy(SPA)

Tel: +(86) 19867685869

E-mail: yangrq9@mail2.sysu.edu.cn

Personal website: Ruiqi Yang

ORCID: 0009-0002-5097-3559

Address: Zhuhai Campus, Sun Yat-sen University,
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 `TeX` 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.

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