

CV

Full Name: Yanbin Yang

Email: yangyanbin@shao.ac.cn

Phone Number: +86 18057446136

ORCID: <https://orcid.org/0009-0001-1324-4894>

Education

ShanghaiTech University/Shanghai Astronomical Observatory(SHAO)

2022.09 - 2027.06

- School of Physical Science and Technology
- **Joint PhD Candidate**
- Supervisor: Prof. Quan Guo

Zhejiang University

2018.08 - 2022.06

- Physics
- **Bachelor**

Research Interests

My research interests mainly lie in the detection of 21cm signals during the Epoch of Reionization(EoR) and SKA telescope related technologies. The following are the specific research topics.

- Radio Frequency Interference Detection and Mitigation Method
- The Detection of Satellites' Radio Emission
- Direction-Dependent Calibration and Imaging of Visibilities

Publications

Performance of the Segment Anything Model in Various RFI/Events Detection in Radio Astronomy, Publications of the Astronomical Society of Australia(PASA), DOI: 10.1017/pasa.2024.128 (First Author)

Awards and Honors

- Excellent Student of ShanghaiTech University for the Academic Year 2023-2024
- Excellent Student Cadre of University of Chinese Academy of Sciences for the Academic Year 2022-2023
- Outstanding Graduate of Zhejiang University
- First Prize of the 11th China Undergraduate Physics Tournament
- Second Prize of the 7th China Undergraduate Physics Experiment Competition

Conferences and Talks

I have given presentations or posters at the following meetings.

- The 10th Youth Astronomy Forum of the Chinese Astronomical Society
- The 2024 Academic Annual Conference of the Chinese Astronomical Society
- SHAO-XMU Academic Symposium on Astrophysics