

Jialai Wang

Personal Information

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Homepage: <https://wangjl319.github.io>

Education

Bachelor of Engineering, Instrument Science and Technology
Hefei University of Technology, Hefei, China July 2023 (expected)
GPA 3.6/4.3 in major, 3.7/4.3 overall
Rank 14/144 overall

Research Experience

The Study of metal-rich halo stars born in the Galactic disc Aug 2020 - Now
Advisor: [Cuihua Du](#) Associate Professor, University of Chinese Academy of Sciences

- Funded by the Innovative Practice Training Program for Undergraduates, Chinese Academy of Sciences

International Astronomical Search Collaboration July 2020 - Aug 2020

- A Citizen Science program available through NASA
- Use the data from the 1.8-m Pan-STARRS telescope

Xingming Observatory Sky Survey Apr 2017 - Now

- Search nova, supernova and minor planet in the data from [Xingming Observatory](#)
- Join the [Popular Supernova Project](#) in [National Astronomical Data Center \(NADC\)](#)

The study on the measurement of night sky brightness in Feicuihu Campus, Hefei University of Technology Sept 2019 - Nov 2019

- Analysis the observation results of the night sky brightness
- Explore the possible causes of night sky pollution

Academic Honors

Silver Honour, International Astronomy and Astrophysics Competition July 2020
Excellent Member of Communist Youth League, Hefei University of Technology May 2020
Third Price, 3rd “Dengfeng Cup” National High School Student Academic Science and Technology Innovation Contest Academic Competition (Final) Aug 2018
First Price, 3rd “Dengfeng Cup” National High School Student Academic Science and Technology Innovation Contest Academic Competition (Semi-final) May 2018
First Price, 2nd Zhejiang Province Astronomy Olympiad Nov 2017
Entry Certificate, Final of China National Astronomy Olympiad May 2017

Computer Skills

Languages: Python, C, L^AT_EX, Java, Pascal, Basic
Software: Aladin, Astrometrica, Lightroom, MaxIm DL Pro, Microsoft Office, Photoshop, Pixinsight, Premiere, TeX Live, Visual Studio

Observational Experience

Hangzhou No.14 High School 0.35-m Telescope : observation 2016 - 2019
0.8-m Telescope, Jiangnantianchi Observatory : 1 night photometry July 2018
0.4-m Telescope, Las Cumbres Observatory (LCO): 1 night photometry Aug 2017

**Leadership
Activities**

Class Monitor, Hefei University of Technology Sept 2019 - Now

- Leader of Class 19-2 of Measurement and Control Technology and Instrument in School of Instrument Science and Opto-electronics Engineering
- Perform management duties

Director, Hefei University of Technology Astronomy Association Sept 2019 - Now

- Focus on astronomical research
- Chair most of public astronomy popularization activities
- Liaison to other university's astronomy associations

Associate President, New Media Center of Hefei University of Technology July 2020 - Now

- The member of the management committee
- Responsible for the work in Feicuihu Campus

Director, New Media Center of Hefei University of Technology Sept 2019 - July 2020

- Responsible for the operation of Bilibili platform
- The member of the photography & video team

Honour Director, Hangzhou High-school Astronomical Association Union July 2019 - Now

- Focus on public astronomy popularization activities