

Jialai Wang

Personal Information

Name: Jialai Wang
Tel: +86-18757573128

Email: wang_jialai@mail.hfut.edu.cn
Homepage: <https://wangjl319.github.io/>

Education

Bachelor of Engineering

Hefei University of Technology, China Sept 2019 - July 2023 (expected)
Major: Measurement control technology and instrumentation
GPA: 3.65/4.30 overall Rank: 18/139 overall — [Detailed Transcript](#)
College English Test: CET-4: 635 CET-6: 505

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

- Based on the Gaia DR2 and combined with the RAVE surveys
- Funded by the Innovative Practice Training Program for Undergraduates, Chinese Academy of Sciences

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 \(NADC\)](#)

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

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
-

Honors and Awards

Outstanding Student Cadre, Hefei University of Technology Sept 2020
Third-Class Scholarship, Hefei University of Technology Sept 2020
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
Systems: Windows, MacOS, Linux
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 | <hr/> | |
| | Class Monitor , Hefei University of Technology | Sept 2019 - Now |
| | <ul style="list-style-type: none"> • The leader of class 19-2 of measurement control technology and instrumentation in School of Instrument Science and Opto-electronics Engineering • Perform management duties | |
| | President , Hefei University of Technology Astronomical Association | Sept 2020 - Now |
| | <ul style="list-style-type: none"> • 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 |
| | <ul style="list-style-type: none"> • The member of the management committee • Responsible for the work in Feicuihu Campus | |
| | Honour Director , Hangzhou High-school Astronomical Association Union | July 2019 - Now |
| | <ul style="list-style-type: none"> • Focus on public astronomy popularization activities | |
| | Director , Hefei University of Technology Astronomical Association | Sept 2019 - Sept 2020 |
| | <ul style="list-style-type: none"> • Focus on astronomical research • Chair most of public astronomy popularization activities • Liaison to other university's astronomy associations | |
| | Director , New Media Center of Hefei University of Technology | Sept 2019 - July 2020 |
| | <ul style="list-style-type: none"> • Responsible for the operation of Bilibili platform • The member of the photography & video team | |