

### **Personal Information**

Family name, First name: Zhang, ZengHua (张曾华)

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### **Contact**

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### **Education**

PhD in Astrophysics, University of Hertfordshire, 2008-2012,

(Supervisors: D. J. Pinfield, H. R. A. Jones & B. Burningham)

MSc in Astrophysics, Yunnan Astronomical Observatory of Chinese Academy of Sciences /

University of Chinese Academy of Sciences, 2005-2008

(Supervisors: Z. Han, R. S. Pokorny & H. R. A. Jones)

Graduate Curriculum Certificate in Astrophysics,

University of Science and Technology of China, visiting student, 2005-2006

BSc in Physics, Yantai University, 2000-2004

### **Work Experience**

PSL fellow, Observatoire de Paris, CNRS, September 2017 – August 2019.

Visiting astronomer, Shanghai Astronomical Observatory, CAS, July 2017 – August 2017.

IAC fellow, Instituto de Astrofísica de Canarias, October 2013 – October 2016.

Postdoctoral researcher, University of Hertfordshire, July 2012 – September 2013.

Visiting astronomer, Osservatorio Astronomico di Torino, INAF, January – March 2013.

Guest astronomer, Shanghai Astronomical Observatory, CAS, September 2012 – March 2013.

### **Honors and Awards**

- Fellow of the Royal Astronomical Society (FRAS) since 2011.
- Chinese Government Award for Outstanding Self-financed Students Abroad 2009, 5000 USD.

### **Publications**

- **Zhang, Z. H.** et al. 2017b, MNRAS, 486, 261-271, “*Primeval low-mass stars and brown dwarfs – II. The most metal-poor substellar object*”
- **Zhang, Z. H.** et al. 2017a, MNRAS, 464, 3040-3059, “*Primeval low-mass stars and brown dwarfs – I. Six new L subdwarfs, classification and atmospheric properties*”
- Pavlenko, Ya. V.; **Zhang, Z. H.**; Gálvez-Ortiz, M. C.; Kushniruk, I. O.; Jones, H. R. A. 2015, A&A, 582, 92, “*Probing M subdwarf metallicity with an esdK5+esdM5.5 binary*”
- **Zhang, Z. H.** et al. 2013, MNRAS, 434, 1005-1027, “*A spectroscopic and proper motion search of Sloan Digital Sky Survey: red subdwarfs in binary systems*”
- Day-Jones, A. C.; Marocco, F.; Pinfield, D. J.; **Zhang, Z. H.**; et al. 2013, MNRAS, 430, 1171, “*The sub-stellar birth rate from UKIDSS*”
- **Zhang, Z. H.** et al. 2010, MNRAS, 404, 1817-1834, “*Discovery of the first wide L dwarf + giant binary system and eight other ultracool dwarfs in wide binaries*”
- **Zhang, Z. H.** et al. 2009, A&A, 497, 619-633, “*Ultra-cool dwarfs: new discoveries, proper motions, and improved spectral typing from SDSS and 2MASS photometric colors*”

### **Full list of publication on NASA/ADS**

[http://adsabs.harvard.edu/cgi-bin/nph-abs\\_connect?library&libname=zz&libid=4c98e6d1dd](http://adsabs.harvard.edu/cgi-bin/nph-abs_connect?library&libname=zz&libid=4c98e6d1dd)