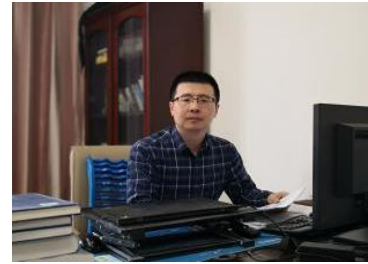


Name:Jinzhong LIU

Professional: Doctoral Supervisor

Deputy Director of Optical Astronomy Research Laboratory,
Xinjiang Astronomical Observatory, CAS



Education:

2005-2010 Yunnan Astronomical Observatory Ph.D

Contact:

E-mail: liujinz@xao.ac.cn

Postal Address: 150 Science 1-Street, Urumqi, Xinjiang 830011, China

Research Interests:

- Gravitational wave sources
- Binary stars and related objects
- Photometric and Spectroscopic observations
- Time-domain astronomy

Selected Publications:

- Liu Jinzhong, Gravitational wave radiation from close double white dwarfs in the Galaxy. MRNAS, 2009, Volume 400, Issue 4, pp. 1850-1858.
- Liu Jinzhong, Han Zhanwen, Zhang Fenghui, Zhang Yu, A Comprehensive Study of Close Double White Dwarfs as Gravitational Wave Sources: Evolutionary Channels, Birth Rates, and Physical Properties, ApJ, 2010, Volume 719, Issue 2, pp. 1546-1552.
- Liu Jinzhong, Zhang Yu, Han Zhanwen, Zhang Fenghui, Contribution of close double white dwarfs to the Galactic gravitational wave foreground. 2010, Ap&SS, Volume 329, Issue 1-2, pp. 297-303.
- Liu Jinzhong, Zhang Yu, Zhang Hailong, Sun, Yutao, Wang Na, Determining gravitational wave radiation from close galaxy pairs using a binary population synthesis approach. 2012, A& A, Volume 540, id.A67, 6 pp.
- Liu Jinzhong, Zhang Yu, Gravitational-wave radiation from double compact objects with eLISA in the Galaxy, 2014, PASP, Volume 126, Issue 937, pp. 211.
- Liu Jinzhong, Zhang Yu, Song Fangfang, Yang Taozhi, The First Photometric Investigation of the Neglected Contact Binary LP Comae, 2017, PASP, Volume 129, Issue 980, pp. 104204.

- Li-Na Lu, Jinzhong Liu(CA), Deng-Kai Jiang, and Ya Hui Wang, A method for estimating masses of W Ursae Majoris-type binaries, 2020, RAA, Vol. 20, No.12, 196(11pp).

- Yahui Wang, Jinzhong Liu(CA), Lina Lu, and Guoliang Lü, From multicolor-photometric observations to a guaranteed mass of AL Cas, RAA, 2019, Vol. 19 No.8, 108(12pp).

- Shuo Ma , Jin-Zhong Liu(CA), Yu Zhang, Qingshun Hu, and Guo-Liang Lü, A Photometric Study of Two Contact Binaries: CRTS J025408.1+265957 and CRTS J012111.1+272933, RAA, 22:095017 (16pp), 2022 September

- Dong-Xiang Shen, Jin-Zhong Liu(CA), Chun-Hua Zhu, Guo-Liang Lü, Yu Zhang, Cheng-Long Lü, Hao-Zhi Wang, Lei Li, Xi-Zhen Lu, Jin-Long Yu, and Abdurepjet Rustem, Photometric Properties and Stellar Parameters of the Rapidly Rotating Magnetic Early-B Star HD 345439, RAA, 23:015002 (14pp), 2023 January