Haotian Song (宋昊天)

Postgraduate student at College of Physics & Astronomy, University of Manchester

Education experience

- 2014/05 - 2017/06 Anhui LiXin 1st High School, China
- 2017/09 - 2020/06 School of Physics Xi'an Jiao University, China Undergraduate student
- 2019/07 - 2019/08 Summer School at School of Physics Peking University

• 2021/09 - Now Postgraduate student at College of Physics & Astronomy, University of Manchester

Awards

• 2018/12 Second Prize of the Contemporary Undergraduate Mathematical Contest in Modeling in ShanXi province

• 2018/10 Second Prize of Zhufeng Scholarship in 2018

• 2019/07 First Prize of the China Undergraduate Physics Experiment Competition

Research Area

• Ultra-luminous X-ray Source (ULX)

• Computational Ghost Imaging (CGI)

• Super Fast X-ray transient (SFXT)

• Classification of Radio Galaxies via BCNN

Publication

Population synthesis on ultra-luminous X-ray sources with an accreting neutron star: Wind Roche-lobe overflow cases