

# Cong Zhou

"A journey of a thousand miles begins with a single step." -Laozi

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## Education

### University of Science and Technology of China (USTC)

Ph.D. student

09/2020 - present

Expected in 07/2026

### University of Science and Technology of China (USTC)

Yan Jici Talent Program in Physics, School of Physical Sciences

09/2016 - 07/2020

Bachelor of Science (honors) in Astrophysics

- Cumulative GPA: **3.78/4.30**
- Ranking: **1/29** in Department of Astronomy  
**16/336** in School of Physical Sciences

## Awards

**The 39th Guo Moruo Scholarship** (the **highest honor** for undergraduates in USTC)

2019

National Astronomical Observatory of China Scholarship

2019

Scholarship of Yan Jici Talent Program in Physics

2018

Outstanding Student Scholarship (Grade B)

2018

Zhang Zongzhi Sci-Tech Scholarship

2017

Outstanding Student Scholarship (Grade A)

2016

## Publications

2. **Cong Zhou**, Lei Huang, Kangrou Guo, Ya-Ping Li, and Zhen Pan., *Probing orbits of stellar mass objects deep in galactic nuclei with quasiperiodic eruptions*, Phys. Rev. D 109, 103031

2. Qian Hu, **Cong Zhou**, Jhao-Hong Peng, Linqing Wen, Qi Chu, and Manoj Kovalam., *Semianalytical approach for sky localization of gravitational waves*, Phys. Rev. D 104, 104008

3. Wen Zhao, Tan Liu, Linqing Wen, Tao Zhu, Anzhong Wang, Qian Hu, and **Cong Zhou**, *Model-independent test of the parity symmetry of gravity with gravitational waves*, Eur. Phys. J. C 80, 630 (2020).

## Research Interests

- Gravitational Physics
- Black Hole Theory
- Cosmology

## Standardized Tests

TOFEL: 103 (Reading:29; Listening:25; Speaking:23; Writing:26)

13/10/2019

GRE general: 317 (Verbal Reasoning:149; Quantitative Reasoning:168; Analytical Writing:3)

11/10/2019

## Professional Skills

**Programming** Python, Mathematica, C, LaTeX