

# CHONG-CHONG HE

UMD-Astronomy, 1113 PSC Bldg. 415, College Park, MD 20742  
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## EDUCATION

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### University of Maryland

M.S. Astronomy

2016 – 2018

Ph.D. Astronomy

2018 – Present

### Jilin University

2012 – 2016

B.S. Physics, with Highest Honor

### Georgia Institute of Technology

1/2015 – 7/2015

Visiting Honors Student Program

## HONORS & AWARDS

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**China Youth Science and Technology Innovation Award**, 2016

**Dean's Honored Graduates, Jilin University**, 2016

*The highest honor awarded to graduating seniors in the College of Physics*

**Tang-Ao Qing Supreme Award for Excellence in Research & Practice**, 2016

**China Scholarship Council Scholarship for Studying Abroad**, 2014

*Awarded to the top 1% in the College of Physics, Jilin University*

## PUBLICATIONS

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**C.-C. He**, M. Ricotti & S. Geen (2019, in preparation). “Simulating Star Clusters Across Cosmic Time: I. Initial Mass Function, Star Formation Rates and Efficiencies”

**C.-C. He**, & L. Keek (2016, March). “Anisotropy of X-Ray Bursts from Neutron Stars with Concave Accretion Disks”. *ApJ*, 819, 47.

## SUCCESSFUL PROPOSALS

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**MARCC/Bluecrab Supercomputer**, Q1 2018, 200 kSU monthly allocation

## TEACHING EXPERIENCE

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### Teaching Assistant

08/2016 – 05/2018

*University of Maryland*

- Courses: ASTR 100, ASTR 420, ASTR 330, ASTR 300, ASTR 340
- Led 2 discussion sections per week (ASTR 100, 08/2017 – 12/2017)
- Graded worksheets, homework, and exams.
- Held office hours to provide additional guidance to students

## COMPUTER SKILLS

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Programming and software fluency in *Python*, *C/C++*, *Fortran*, *L<sup>A</sup>T<sub>E</sub>X*

Experience with openMP and MPI parallel programming

Experience with *Mathematica*, *MATLAB*, *HTML/CSS*