Weichen Wang **Curriculum Vitae**

CONTACT INFORMATION

Department of Physics and Astronomy
Johns Hopkins University
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https://weichenstars.github.io

EDUCATION

Johns Hopkins University, MD, United States
Department of Physics and Astronomy, August, 2016 - now
Graduate Student
Advisor: Susan Kassin

Tsinghua University, Beijing, China
8/2012 - 7/2016
B. Sc. in Physics (graduate with honors)
Thesis: Galaxy formation and evolution in CANDELS
Advisors: Shude Mao, Sandra Faber

RESEARCH EXPERIENCE

Johns Hopkins University, MD, United States 9/2016–now
Department of Physics and Astronomy *Graduate Student*
Research Topics: Galaxy kinematics at high redshift based on the **KECK/DEIMOS** spectroscopy from HALO7D survey (PI: Guhathakurta); Relation between dust attenuation law and galaxy inclination.

- Advisor: Susan Kassin (STScI)

University of California, Santa Cruz, CA, United States 7/2015- 9/2015; 1/2017
Department of Astronomy *Visiting Student*
Research Topics: Color gradients of star forming galaxies in the CANDELS survey; Distribution of dust and star formation in $z \sim 1$ galaxies based on the observation of Hubble Space Telescope.

- Advisors: Sandra Faber, David Koo

Tsinghua University, Beijing, P.R. China 6/2014 - 7/2016
Tsinghua Center for Astrophysics *Undergraduate Researcher*
Research Topic: Effects of galaxy dark matter substructure in gravitational lensing systems.

- Advisor: Shude Mao

PUBLICATIONS

W. Wang, S. A. Kassin, C. Pacifici et al., ApJ, 869, 161 (2018)
W. Wang, S. M. Faber, F.-S. Liu et al., MNRAS, 469, 4063 (2017)
Click this ADS link for the full publication list

TEACHING EXPERIENCE

Teaching Assistant, General Physics I for Biological Science Majors (171.103)
Johns Hopkins University, Fall 2016
Teaching Assistant, General Physics Laboratory (171.111)
Johns Hopkins University, Fall 2016

TALKS

- An inclination-dependent IRX–β relation for star-forming galaxies at z$\sim$1.5

- Conference "The Art of Measuring Physical Parameters in Galaxies", UC Riverside, California (April, 2018)
- AAS Meeting 231 (Oral presentation), Washington DC (January 2018)
- Conference "Plumbing Star-Formation Rates in the Age of JWST", Texas A&M University, Texas (November 2017)

- Dust distribution, color gradients and attenuation law in CANDELS galaxies
  - JHU/STScI Galaxy Journal Club (July 2017)
  - Tsinghua Center for Astrophysics, and Peking University/KIAA (July 2017)

Scholarships and Awards National Astronomical Observatory of China (NAOC) Scholarship, 2016.

Observation Experience ARC 3.5m telescope, Apache Point Observatory
Nov 19 - 21th, 2016

Outreach Activities Member of the Physics and Astronomy Graduate Students (PAGS) Outreach Team, Johns Hopkins University
Regularly support student visits from Baltimore local primary/middle schools

Relevant Skills
- Programing: Python, IRAF, IDL, C++
- Operating Systems: Unix, Linux, Mac OS

Service Referee of The Astrophysical Journal (since 2018)