Ying Zu

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Education

The Ohio State University, Columbus, Ohio — Advisor: David H. Weinberg
Ph.D. in Astrophysics — *2008 – 2013*

Shanghai Astronomical Observotary, China — Advisor: Yipeng Jing
Graduate Research Associate — *2006 – 2008*

Nanjing University with highest honours, China
B.S. in Astronomy — *2001 – 2005*

Research Interests

Theoretical Astrophysics and Cosmology with close ties to observations:

- Galaxy-Dark Matter Connection, Galaxy and Cluster Formation, Weak Lensing
- Theories of Cosmic Acceleration, Cosmology, Large-Scale Structure
- Quasar Variability, Reverberation Mapping, Machine Learning

Awards and Honors

Thousand Talented Youth Award (Chinese Government)	*2016*
Distinguished University Fellowship (OSU)	*2008/2009, 2012/2013*
National Science Fellowship of China (Ministry of Education, China)	*2003, 2004, 2005*
Scholarship for Excellence in Undergraduate Study (NJU)	*2004, 2005*
Top Freshman Award (0.01%)	*2001*

Positions

Assistant Professor (Shanghai Jiao Tong University, Shanghai, China)	*Sep, 2017 –*
CCAPP Fellow (Center for Cosmology and Astro-Particle Physics, USA)	*Sep, 2016 – Sep, 2017*
Postdoctoral Fellow (Carnegie Mellon University, Pittsburgh, USA)	*Sep, 2013 – Sep, 2016*

Invited • and Contributed Talks ○

○ DESI Meeting, Lawrence Berkeley National Lab, US	*June, 2017*
• Mexican Astro-Cosmo-Statistics School, University of Guanajuato, Mexico	*June, 2017*
• Astronomy Colloquium, University of Pennsylvania, US	*Mar, 2017*
• Sino-Germany Workshop on Galaxy & Cosmology, Guangzhou, China	*Dec, 2016*
• PMO Colloquium, Purple Mountain Observatory, China	*Dec, 2016*
• KIAA Lunch Seminar, Kavli Institute of Astrophysics and Astronomy, Beijing, China	*Nov, 2016*
• SDSS Collaboration Meeting, University of Wisconsin, US	*Jul, 2016*
• HEAP Seminar, University of Utah, US	*Mar, 2016*
○ Galaxy-Halo Snowbird Conference, Utah, US	*Mar, 2016*
• IPMU Colloquium, University of Tokyo, Japan	*Feb, 2016*

- Berkeley Cosmology Group Seminar, UC Berkeley, US — *Dec, 2015*
- KIPAC Cosmology Seminar, Stanford, US — *Nov, 2015*
- Unbiased Cosmology Workshop, Institute for Advanced Study, US — *Sep, 2015*
- Galaxy Footsteps Workshop, Soverato, Italy — *Sep, 2015*
- Astrophysics Colloquium, Shanghai Jiao Tong University, China — *Apr, 2015*
- Galaxy Bias Workshop, Ohio State University, US — *Nov, 2014*
- DESI Meeting, Lawrence Berkeley National Lab, US — *May, 2014*
- SDSS Collaboration Meeting, Carnegie Mellon University, US — *Dec, 2012*
- Small Scale Clustering Meeting, Stanford, US — *Oct, 2012*
- INPA Seminar, Lawrence Berkeley National Lab, US — *Oct, 2012*
- Chinese Academy of Sciences Colloquium, Shanghai Observatory, China — *Aug, 2010*

Professional Activities and Outreach

- Reviewer for MNRAS, ApJ, A&A, JOAA, Austrian Science Fund (FWF)
- Organizer of CMU Astro-Coffee Discussions — *Oct, 2013 – Sep, 2016*
- Co-organizer of LSST workshop on Machine Learning and Statistics, Pittsburgh, PA — *Jun, 2015*
- Co-I for *HST* Cycle21 GO-13330 "Mapping the AGN Broad Line Region by Reverberation" — *2013*
- Wrote and distributed software to simulate and analyze quasar light curves (JAVELIN)

Teaching Experience

- Graduate Teaching Assistant, OSU — *2009 – 2012*
- Astronomy Tutor at Kunlun Elementry School, Nanjing, China — *2004 – 2005*

Advising Experience

- Andres Salcedo (2nd year graduate student, OSU) — *2016 – 2017*