

XIN WANG

Personal Information

CURRENT STATUS: Graduate Student at University of California, Los Angeles
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Education

SEPT. 2015–	Dept. of Physics and Astronomy, University of California, Los Angeles towards Ph.D. in Astronomy and Astrophysics
PRESENT	Field of Interest: Spatially Resolved Spectroscopy, Chemical Evolution of Galaxies, Extragalactic Nebular Emission, Strong Gravitational Lensing. Advisors: Profs. Tommaso Treu, Tucker A. Jones, Keren Sharon
SEPT. 2013–	Physics Department, University of California, Santa Barbara M.A. in Physics
JUN. 2015	Graduate Course Cumulative GPA: 3.96
SEPT. 2010–	School of Astronomy and Space Sciences, Nanjing University M.Sc. in Astrophysics
JUN. 2013	Field of Interest: Cosmology, Galaxy Clusters, Gamma-ray Bursts. Advisors: Profs. Yong Feng Huang, Charling Tao, Gong-Bo Zhao
SEPT. 2006–	Department of Astronomy, Nanjing University B.Sc. in Astronomy
JUN. 2010	Weighted Average Score: 84.64/100 (overall), 87.68/100 (major); Ranking: 2 nd /26

Awards and Honors

JUL. 2018	UCLA Richardson Travel Fund (\$1.7k)
JUN. 2018	UCLA Dissertation Year Fellowship (\$47k: stipend+tuition)
MAY 2018	Rudnick-Abelmann Fellowship, UCLA (\$2k)
APR. 2018	IAU grant for participating the XXXth General Assembly (€0.75k)
APR. 2018	AAS International Travel Grant (\$2k)
APR. 2015	AAS International Travel Grant (\$1k)
JUN. 2014	1 st Prize for Excellent M.Sc. Thesis amongst all Universities and Colleges in Jiangsu Province
SEPT. 2013	Broida Fellowship, UCSB (\$3k)
DEC. 2012	National Scholarship for Graduates (~\$4k) <i>The highest honorific scholarship in China conferred annually on excellent graduate students.</i>

AUG. 2010	1 st Prize for Excellent B.Sc. Thesis amongst all Universities and Colleges in Jiangsu Province
OCT. 2009	Scholarship of National Astronomical Observatories, Chinese Academy of Sciences

Talks and Colloquia

NOV. 2018	Colloquium talk @ Carnegie Observatories, Pasadena, CA
OCT. 2018	Colloquium talk @ Caltech, Pasadena, CA
AUG. 2018	Contributed talk , @ Focus Meeting 7 at the XXXth IAU General Assembly , Vienna, Austria
JUL. 2018	Invited talk , @ University of Science and Technology of China, Hefei
JUN. 2018	Contributed talk with conference fellowship , @ KIAA Forum on Gas in Galaxies , Beijing, China
MAY 2018	Invited talk , @ 2018 Nanjing University Youth Forum, Nanjing, China
FEB. 2018	Colloquium talk , @ IPAC, Caltech, Pasadena, CA
JAN. 2018	Colloquium talk , @ Carnegie Observatories, Pasadena, CA
SEPT. 2017	Invited talk , @ Tsinghua University, Beijing
SEPT. 2017	Invited talk , @ Nanjing University, Nanjing
SEPT. 2017	Invited talk , @ Shanghai Jiao Tong University, Shanghai
AUG. 2017	Contributed talk , @ Shedding Light on the Dark Universe with Extremely Large Telescopes , Lanzhou, China
JUN. 2017	Contributed talk , @ Special Session 11 at European Week of Astronomy and Space Science , Prague, Czech Republic
JAN. 2017	Colloquium talk , @ Steward Observatory, University of Arizona, Tucson, AZ
AUG. 2016	Colloquium talk , @ Department of Astronomy, University of Michigan, Ann Arbor, MI
JUL. 2016	Invited talk , @ Tsinghua University, Beijing
JUN. 2016	Invited talk , @ Purple Mountain Observatory, Nanjing
JUN. 2016	Invited talk , @ National Astronomical Observatories of China, Beijing
AUG. 2015	Contributed talk , @ Focus Meeting 22 at the XXIXth IAU General Assembly , Honolulu, HI
NOV. 2012	Contributed talk , @ Tsinghua Transient Workshop 2012 , Tsinghua University, Beijing
JUN. 2010	Contributed talk , @ A mini-workshop on “Gamma-ray Sky from Fermi: Neutron Stars and their Environment” , University of Hong Kong, Hong Kong
APR. 2009	Contributed talk , @ Frontiers of Space Astrophysics: Neutron Stars & Gamma Ray Bursts — Recent Developments & Future Directions , Cairo & Alexandria, Egypt

Computer Skills

Python, IDL, MATLAB, FORTRAN, C, L^AT_EX, vim, Github, Mathematica

Approved Proposals (CoI)

- 1 JWST-ERS-1324, PI Treu: Through the Looking GLASS: A JWST Exploration of Galaxy Formation and Evolution from Cosmic Dawn to Present Day.
- 2 HST-14922, PI Kelly: Probing the Nature of Dark Matter with Individual Stars Highly Magnified by a Galaxy Cluster.
- 3 HST-14280, PI Bradac: Breaking Cosmic Dawn: Observing the $z > 7$ Universe Through Cosmic Telescopes.
- 4 VLT-0101.B-0418(A), PI Sanchez-Janssen: Chemodynamics of lensed dwarf galaxies at $1 \lesssim z \lesssim 2$.
- 5 Keck, PI Jones: Dissecting Galaxy Formation and Testing Feedback Models on 100 pc Scales: An OSIRIS Survey of Lensed Galaxies at $z \simeq 2$.

Observing Experience

- Keck OSIRIS, 12 nights
- Keck DEIMOS, 3 nights
- Keck MOSFIRE, 1 night
- Keck ESI, 1 night
- Lick Observatory Shane telescope, 1 night
- Steward Observatory Bok telescope, 6 nights

Professional Service

- Referee for *Astrophysical Journal*, *Astrophysical Journal Supplement Series*
- External Reviewer for Chinese Telescope Access Program TAC

2014–2015 | Organizer of Treu Group Meetings, UCSB & UCLA

DEC. 2010– | Organizer of Graduate Journal Club in School of Astronomy and Space Sciences, Nanjing University

DEC. 2011 | In total, I arranged 17 meetings, and invited 34 speakers. The topics are related to the major field of interest of the speakers, who will also share with participants some academic experience in doing scientific research. This activity is financially supported by our school.

Teaching Experience

MAR.–JUN. 2014 | Teaching assistant of *Physics 3: Basic Physics*, UCSB

SEPT.–DEC. 2013 | Teaching assistant of *Physics 6 Lab*, UCSB

SEPT.–DEC. 2010 | Teaching assistant of *Theoretical Astrophysics* (upper division undergraduate course), Nanjing University

Working Experience and Outreach Activities

2015–2017 | Demonstrator of Astronomy experiments to local K12 schools in Los Angeles

2015–2017 | Volunteer in the annual EXPLORING YOUR UNIVERSE! events, UCLA

2010–2012 | President of Graduate Student Union in School of Astronomy and Space Sciences, Nanjing University