

XIN WANG

Personal Information

CURRENT STATUS: Postdoctoral Research Associate at Caltech/IPAC
EMAIL, PHONE, WEB: wangxin@ipac.caltech.edu | +1-805-574-0025 | <http://www.astro.ucla.edu/~xwang>
MAILING ADDRESS: Infrared Processing and Analysis Center, Mail Code 314-6, Caltech
1200 East California Boulevard, Pasadena, CA 91125, USA

Education and Employment

AUG. 2019– PRESENT	Infrared Processing and Analysis Center, Caltech Postdoctoral Research Associate
SEPT. 2015– JUN. 2019	Department of Physics and Astronomy, University of California, Los Angeles Ph.D. in Astronomy & Astrophysics
SEPT. 2013– JUN. 2015	Physics Department, University of California, Santa Barbara Master of Arts in Physics
SEPT. 2010– JUN. 2013	School of Astronomy and Space Sciences, Nanjing University Master of Science in Astrophysics
SEPT. 2006– JUN. 2010	Department of Astronomy, Nanjing University Bachelor of Science in Astronomy

Awards and Honors

MAR. 2020	Kavli Visiting Fellow, Peking University
JUN. 2019	UCLA Physics and Astronomy Commencement Speaker
JAN. 2019	Chinese Government Award for Outstanding Graduate Students Abroad (\$6k)
DEC. 2018	UCLA Doctoral Student Travel Grant (\$1k)
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 Graduate Students (CNY30k)
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

JAN. 2021	Contributed Talk , @ AAS 237 , virtual
DEC. 2020	Invited Seminar , @ Department of Physics and Astronomy, University of Missouri
DEC. 2019	Invited Talk , @ Purple Mountain Observatory, Nanjing
DEC. 2019	Invited Talk , @ 2019 Nanjing University Youth Forum, Nanjing
DEC. 2019	Invited Talk , @ Shanghai Astronomical Observatory
DEC. 2019	Invited Talk , @ Shanghai Jiao Tong University, Shanghai
AUG. 2019	Lunch Talk , @ The Kavli Institute for Astronomy and Astrophysics at Peking University
AUG. 2019	Invited Talk , @ National Astronomical Observatories of China, Beijing
AUG. 2019	Invited Talk , @ Key Laboratory of Space Utilization, CAS
JUN. 2019	Invited Talk , @ CLEAR collaboration meeting , STScI
FEB. 2019	Contributed Talk , @ Extremely Big Eyes on the Early Universe , UCLA

JAN. 2019 | **Dissertation Talk**, @ [AAS 233](#), Seattle
 DEC. 2018 | **Astronomy Seminar** @ Columbia
 DEC. 2018 | **Galread Extragalactic Discussion Group** @ Princeton
 DEC. 2018 | **Galaxy Journal Club** @ STScI
 DEC. 2018 | **Galaxies & Cosmology Seminar** @ CfA Harvard & Smithsonian
 NOV. 2018 | **IMPS Seminar** @ UC Santa Cruz
 NOV. 2018 | **Lunch Talk** @ Carnegie Observatories, Pasadena, CA
 OCT. 2018 | **Astronomy Tea 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
 MAY 2018 | **Invited Talk**, @ 2018 Nanjing University Youth Forum, Nanjing
 FEB. 2018 | **Colloquium Talk**, @ IPAC, Caltech, Pasadena, CA
 JAN. 2018 | **Lunch 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
 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**, @ Nanjing University, Nanjing
 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”](#), Hong Kong, China
 APR. 2009 | **Contributed talk**, @ Frontiers of Space Astrophysics: Neutron Stars & Gamma Ray Bursts — Recent Developments & Future Directions, Cairo & Alexandria, Egypt

Approved Observing Proposals

- 9 Keck 2022A_U016, PI Malkan, *2 Full Nights*: The Most Massive Galaxy Protoclusters at Cosmic Noon—Impact on Galaxy Evolution
- 8 HST-GO-16276, **PI Wang**, *45 Primary Spacecraft Orbits*: [WFC3 Spectroscopy of the Most Massive Galaxy Protoclusters at Cosmic Noon](#)
- 7 JWST-GO-01571, PI Malkan: PASSAGE—Parallel Application of Slitless Spectroscopy to Analyze Galaxy Evolution
- 6 JWST-GO-02136, PI Jones: The emergence of the modern Hubble sequence revealed by JWST slit-stepping
- 5 JWST-ERS-01324, PI Treu: Through the Looking GLASS: A JWST Exploration of Galaxy Formation and Evolution from Cosmic Dawn to Present Day
- 4 Keck 2017A_U037, 2017B_U058, 2018A_U158, 2018B_U061, 2019A_U130, 2019B_U057, PI Jones: Dissecting Galaxy Formation and Testing Feedback Models on 100 pc Scales: An OSIRIS Survey of Lensed Galaxies at $z \simeq 2$
- 3 HST-GO-15647, PI Teplitz: Ultraviolet Imaging of the Cosmic Assembly Near-infrared Deep Extragalactic Legacy Survey Fields (UVCANDELS)
- 2 HST-DDT-14922, PI Kelly: Probing the Nature of Dark Matter with Individual Stars Highly Magnified by a Galaxy Cluster
- 1 HST-GO-13459, PI Treu: The Grism Lens-Amplified Survey from Space (GLASS)

Observing Experience

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| <ul style="list-style-type: none">• Keck OSIRIS, 16 nights• Keck MOSFIRE, 1 night• Lick Observatory Shane telescope, 1 night• Palomar Observatory P200 telescope, 2 nights | <ul style="list-style-type: none">• Keck DEIMOS, 3 nights• Keck ESI, 1 night• Steward Observatory Bok telescope, 6 nights |
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Professional Service

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- Referee for *ApJ*, *ApJS*, *PASJ*
 - External reviewer for Large HST proposals in Cycle 29
 - External reviewer for Chinese Telescope Access Program Time Allocation Committee
 - Selected participant in the inaugural [JWST Master Class](#)
 - Organizer of the KIAA JWST Proposal Planning Workshop and the [UCLA JWST Proposal Planning Workshop](#)
 - Organizer of Treu Group Meetings, @ UCSB & UCLA
 - Organizer of Graduate Journal Club in School of Astronomy and Space Sciences, NJU
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Teaching and Mentoring

2020–PRESENT	Zihao Li, graduate student at Tsinghua University, co-advising with Prof. Zheng Cai
2018–2019	Jessie Hirtenstein, graduate student at UC Davis, co-advising with Prof. Tucker Jones
MAR.–JUN. 2014	Teaching assistant of <i>Physics 3: Basic Physics</i> , University of California, Santa Barbara
SEPT.–DEC. 2013	Teaching assistant of <i>Physics 6 Lab</i> , University of California, Santa Barbara
SEPT.–DEC. 2010	Teaching assistant of <i>Theoretical Astrophysics</i> (upper division undergraduate course), NJU

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, NJU
