

Yongquan Xue

Curriculum Vitae

CONTACT • EDUCATION • RESEARCH • POSITIONS • AFFILIATIONS • SERVICES • COLLABORATIONS
GRANTS • PRESS • OBSERVING • TEACHING • OUTREACH • TALKS • PUBLICATIONS

♠ CONTACT INFORMATION ([BACK TO TOP](#))

Department of Astronomy, University of Science and Technology of China (USTC)

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♠ EDUCATION ([BACK TO TOP](#))

- Ph.D., Astrophysics, Purdue University, 2008/05

Dissertation: *Black Hole-Jet Systems: From Blazars to Microquasars* (Adviser: Prof. Wei Cui)

- M.S., Astrophysics, Peking University, 2003/07

Thesis: *Studies on Neutron Stars: Pulsar Death Line, Precession, and Challenges* (Adviser: Prof. Guojun Qiao)

- B.S., Astrophysics, Peking University, 2000/07

Thesis: *Several Constraint Lines on the Pulsar P - \dot{P} Diagram* (Adviser: Prof. Guojun Qiao)

♠ RESEARCH INTERESTS ([BACK TO TOP](#))

- [Deep Blank-Field Surveys \(Radio through X-ray\)](#)
 - AGN Demography, Physics, Feedback, and Evolution
 - Co-evolution of Galaxies and Supermassive Black Holes
 - Blazars, X-ray Binaries (Microquasars), and Neutron Stars
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♠ PROFESSIONAL POSITIONS ([BACK TO TOP](#))

- Professor, Dept. of Astronomy, USTC, 2012/05 – Present

- Postdoc, Dept. of Astronomy & Astrophysics, The Pennsylvania State University, 2008/05 – 2012/05
(Adviser: Prof. William Nielson Brandt; aka. Niel Brandt)

- Research Assistant, Dept. of Physics, Purdue University, 2004/05 – 2008/05 (Adviser: Prof. Wei Cui)

- Research Assistant, Dept. of Astronomy, Peking University, 2000/09 – 2003/07 (Adviser: Prof. Guojun Qiao)

♠ PROFESSIONAL AFFILIATIONS ([BACK TO TOP](#))

- Chinese Astronomical Society
 - International Astronomical Society (IAU)
 - Committee on Space Research (COSPAR)
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♠ PROFESSIONAL SERVICES (SELECTED) ([BACK TO TOP](#))

- Referee for ApJ, RAA, & Progress in Astronomy
- Correspondence Reviewer for the National Natural Science Foundation of China (NSFC)
- Correspondence Reviewer for the Chang Jiang Scholars Program, Ministry of Education, China
- Lecturer, 2nd Fudan Winter School on Astrophysical Black Holes, 2017/01
Lectures: “Active Galactic Nuclei (AGNs): A Brief Observational Tour”
Dept. of Physics, Fudan University, Shanghai, China
- SOC Member and Session Chair (“Science Drivers I”)

- 2016 KIAA-PKU Astrophysics Forum: Future Large Optical-Infrared Facilities in China, Beijing, China, 2016/11
 - Session Chair (“Nearby Galaxies”)
 - Chinese Astronomical Society Annual Meeting, Beijing, China, 2015/10
 - Session Chair (“Nearby and Low-Redshift Galaxies”)
 - Chinese Astronomical Society Annual Meeting, Xi’an, China, 2014/10
 - SOC and LOC Chair, an international summer school entitled
 - “Formation and Co-Evolution of Galaxies and Supermassive Black Holes”, 2014/06-07
 - Dept. of Astronomy, USTC, Hefei, China
 - Telescope Access Program 2014A Peer Review (TAC member), 2013/10
 - National Astronomical Observatories of China, Beijing, China
 - Lecturer, A COSPAR Capacity Building Workshop entitled
 - “High-Energy Astrophysics: An Advanced School for Asian Astronomers”, 2013/09
 - Lectures: “*Chandra* Deep Fields: AGN Demography, Physics, and Ecology across Cosmic Time”
 - Xuyi Observatory Station, Purple Mountain Observatory, Xuyi, Jiangsu, China
 - LOC Chair and SOC Member, an international summer school entitled
 - “The Interaction between Stars, Gas and Supermassive Black Holes”, 2013/05-06
 - Dept. of Astronomy, USTC, Hefei, China
 - *Chandra* Cycle 13 Peer Review (Member of the AGN Panel), 2011/06
 - Chandra* X-ray Observatory, Boston, Massachusetts, USA
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♠ COLLABORATIONS (SELECTED) (BACK TO TOP)

- Member, the Chinese PFS ([Prime Focus Spectrograph](#)) Participation Consortium (CPPC)
 - Member, the EP ([Einstein Probe](#)) Satellite Science Definition Team
 - Member, the eXTP ([enhanced X-ray Timing and Polarimetry](#)) Mission Science Working Group
 - Member, the Chinese Space Station Telescope (*CSST*) Science Team
 - Core Member, the *Chandra* Deep Field Surveys ([CDF-N](#), [CDF-S](#), [E-CDF-S](#))
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♠ AWARDS, GRANTS, AND ALLOCATED OBSERVING TIME (SELECTED) (BACK TO TOP)

- *PFS Spectroscopic Survey: Activities and Evolution of Galaxies and SMBHs*, 2016 – 2020
 - CAS Frontier Science Key Research Program (Grant #: QYZDJ-SSW-SLH006), 1st and only Co-I (PI: Junxian Wang)
- *Galaxies and Quasars*, 2015 – 2020
 - National Natural Science Foundation of China (Grant #: 11421303), Co-I (PI: Junxian Wang)
- *Observations of Dark Energy*, 2015 – 2019
 - The 973 Program of China (Grant #: 2015CB857004), Co-I (PI: Xiaohu Yang)
- *7 Ms Chandra Deep Field-South: Placing the Most Stringent Observational Constraints on Highly Obscured Active Galactic Nuclei*, 2015 – 2018
 - National Natural Science Foundation of China (Grant #: 11473026), PI
- [Teaching Excellence Award](#), USTC Alumni Foundation, 2017
- *Completing and Ensuring Major Impact from the XMM-SERVS Survey*, 2017
 - XMM-Newton X-ray Observatory (Proposal #: 082038), 3444 ks, Co-I (PI: Niel Brandt)
- [Outstanding advisor](#), *2016 Seminar on Science and Society for Freshmen*, USTC, 2017
- *MUSE Imaging of Ionised Gas across the Transition Region from Main-Sequence to Starburst Galaxies*, 2017
 - VLT MUSE (Proposal #: 0100.B-0764), 25 hours, Co-I (PI: Thomas Hughes)
- Awardee, [2016 Top Ten Scientific Research of School of Physical Sciences](#), USTC, 2017
 - Chandra Deep Fields: the Deepest X-ray Images Ever*
- *Physical Processes and Interactions between Galaxies and Their Central Black Holes*, 2015 – 2017
 - Fundamental Research Funds for the Central Universities, Ministry of Education of PRC, PI
- *The Understanding and Learning Project Aimed to Talented Students in Astronomy Research at University of Science and Technology of China*, 2014 – 2017
 - National Natural Science Foundation of China (Grant #: J1310021), Co-I (PI: Tinggui Wang)
- *High Resolution ALMA Imaging of Gas and Dust in Low-z Gas Rich Galaxies*, 2016, 2017

- Joint ALMA Observatory (Proposal #: 2016.1.01540.S, 2017.1.01647.S), Co-I (PI: Thomas Hughes, Eduardo Ibar)
 - *Validating the $L_{\nu 850}/M_{\text{H}_2}$ Calibration with Herschel-ATLAS galaxies up to $z \approx 0.4$* , 2016, 2017
Joint ALMA Observatory (Proposal #: 2016.1.00994.S, 2017.1.00287.S), Co-I (PI: Thomas Hughes, Eduardo Ibar)
 - *The Emergence of Cosmological Structures*, 2014 – 2016
The Strategic Priority Research Program (Grant #: XDB09000000), the Chinese Academy of Sciences, Co-I (PI: Shude Mao)
 - *MUSE Imaging of Ionised Gas Kinematics in Star-Forming Galaxies at $z \approx 0.2$ Detected with ALMA*, 2016
VLT MUSE (Proposal #: 099.B-0550), 10 hours, Co-I (PI: Thomas Hughes)
 - *Going Beyond COSMOS with the XMM-SERVS Survey of W-CDF-S, XMM-LSS, and ELAIS-S1*, 2015
XMM-Newton X-ray Observatory (Proposal #: 078045), 1279 ks, Co-I (PI: Niel Brandt)
 - Awardee, [the Thousand Young Talents Plan of China](#), 2012 – 2015
 - Startup Funding, USTC, 2012 – 2015
 - *Direct Measurement of the Formation Timescale of Massive Cluster Ellipticals*, 2015
Keck MOSFIRE (Proposal #: S14B0004N), 2 nights, Co-I (PI: Masayuki Tanaka)
 - *The Chandra Deep Field-South: A Peerless Ultradeep Survey for Exploring the Distant X-ray Universe*, 2014
Chandra X-ray Observatory (Proposal #: 15900132), 3000 ks, Co-I (PI: Niel Brandt)
 - *A Wide-Field Survey in the Chandra Deep Field-South Region*, 2014
Chandra X-ray Observatory (Proposal #: 15900649), 60 ks (GTO), Co-I (PI: Gordon Garmire; Obs. PI: Bin Luo)
 - *Coeval Growth and Coevolution of Galaxies and Supermassive Black Holes*, 2013
National Natural Science Foundation of China (Grant #: 11243008), PI
 - *Improved Source Catalogs for the Chandra Deep Field-North and the Extended Chandra Deep Field-South*, 2013
Chandra X-ray Observatory (Proposal #: 14900135), PI
 - *Deep Near-IR Spectroscopy of a Fully Matured Group of Galaxies at $z=1.61$* , 2012
Subaru MOIRCS (Proposal #: S12B-023), 2 nights, Co-I (PI: Masayuki Tanaka)
 - *The Ultimate Census of Supermassive Black Hole Accretion at $z \sim 2$* , 2011
VLT VIMOS (Proposal #: 088.A-0548), 15.5 hours, Co-I (PI: Ezequiel Treister)
 - *CDFS: Public Source Catalogs and Active-Galaxy Spectral Constraints*, 2010 – 2011
Chandra X-ray Observatory (Proposal #: 12900385), Co-I (PI: Niel Brandt)
 - *Toward Understanding the Spectral Energy Distribution of Microquasars*, 2007 – 2010
NASA ADP (Proposal #: 4200185829), 1st and only Co-I (PI: Wei Cui)
 - [Karl Lark-Horowitz Award](#), Dept. of Physics, Purdue University, 2008
In Recognition of Demonstrated Ability and Exceptional Promise in Research
 - *Research on Pulsar Radiation Mechanisms*, 2004 – 2006
National Natural Science Foundation of China (Grant #: 10373002), Co-I (PI: Guojun Qiao)
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♠ PRESS RELEASES ([BACK TO TOP](#))

- Linking Black Hole Growth with Host Galaxies (2018/02; incomplete list):
 - *Supermassive Black Holes Are Outgrowing Their Galaxies*, Chandra X-ray Observatory
 - *Are Supermassive Black Holes Going to Eat the Universe?*, livescience.com
 - *Big Black Holes Outpace Their Galaxies in Growth*, Penn State SCIENCE
- A New, Faint Population of X-ray Transients (2017/03; incomplete list):
 - *Mysterious Cosmic Explosion Puzzles Astronomers*, NASA
 - *CDF-S Transient: Mysterious Cosmic Explosion Puzzles Astronomers*, Chandra X-ray Observatory
 - *Mysterious Cosmic Explosion Surprises Astronomers Studying the Distant X-ray Universe*,
phys.org, eurekalert.org, sciencedaily.com
- The 7 Ms Chandra Deep Field-South Survey (2017/01; incomplete list):
 - *Chandra Deep Field-South: Deepest X-ray Image Ever Reveals Black Hole Treasure Trove*, NASA
 - *Deepest X-ray Image Ever Reveals Black Hole Treasure Trove*, Chandra X-ray Observatory
 - *1000 Black Holes in Deepest-Ever X-ray Image*, Sky & Telescope
 - *Deepest-Ever X-ray Image of Space Captures Countless Black Holes*, space.com

♠ OBSERVING EXPERIENCE ([BACK TO TOP](#))

- 200-Inch Hale Telescope, four half-nights, Palomar Observatory, California, USA, 2015/01
 - 13.7m Millimeter-Wave Telescope, Delingha Observatory, Qinghai, China, 1999/12 – 2000/01
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♠ TEACHING EXPERIENCE AND STUDENTS & POSTDOCS ADVISED (AT USTC) ([BACK TO TOP](#))

POSTDOCS & STUDENTS

- Ashraf Ayubinia (Graduate Student, USTC), 2017/09 – Present
- Xiaozhi Lin (Graduate Student, USTC), 2017/09 – Present
- Junyao Li (Graduate Student, USTC), 2016/09 – Present
- Tianyi Zhang (Graduate Student, USTC), 2016/09 – Present
- Mouyuan Sun (Postdoc, USTC), 2016/03 – Present
- Fangyou Gao (Graduate Student, USTC), 2015/09 – Present
- Yijun Wang (Graduate Student, USTC), 2015/01 – Present
- Jun Xu (Graduate Student, USTC), 2013/09 – Present
- Xuechen Zheng (Graduate Student, USTC), 2014/09 – 2017/11
Master thesis: “X-ray Variability of Active Galactic Nuclei in the 7 Ms CDF-S”
- Junyao Li (Undergraduate Student, NWU), 2015/11 – 2016/06
Bachelor thesis: “Variabilities of Highly Obscured AGNs in the 4 Ms CDF-S”
- Tianyi Zhang (Undergraduate Student, USTC), 2014/07 – 2016/06
Bachelor thesis: “An Improved Source Detection Method in the Extended *Chandra* Deep Field-South”
- Jiayang Ni (Graduate Student, USTC), 2013/09 – 2016/06
Master thesis: “The Correlation Between Intrinsic X-ray Photon Index and Eddington Ratio for AGNs”
- Shifu Zhu (Graduate Student, USTC), 2013/09 – 2016/06
Master thesis: “Constraining Intrinsic Power Spectra of Active Galactic Nuclei and Revealing Ultrafast X-ray Variability of TeV Blazars”
- Yuhao Deng (Undergraduate Student, USTC), 2015/06 – 2015/09
- Chenxu Liu (Graduate Student, SHAO), 2014/12 – 2015/06
- Wenxia Wang (Undergraduate Student, USTC), 2013/09 – 2014/09
- Xuechen Zheng (Undergraduate Student, USTC), 2012/09 – 2014/07
Bachelor thesis: “Explore the Relation between Long-Term X-ray Variability and Black Hole Mass of AGN”
- Guang Yang (Undergraduate Student, Outstanding Thesis Award, USTC), 2012/07 – 2014/07
Bachelor thesis: “Photometric Redshifts in the Hawaii-Hubble Deep Field-North (H-HDF-N)”
- Saiyu Hou (Undergraduate Student, USTC), 2012/06 – 2014/07
Bachelor thesis: “Influence of Active Galactic Nucleus on Star Formation of Host Galaxy”
- Jiayang Ni (Undergraduate Student, USTC), 2012/09 – 2013/07
Bachelor thesis: “Hierarchical X-ray Flares from TeV Blazars”
- Shifu Zhu (Undergraduate Student, USTC), 2012/07 – 2013/07
Bachelor thesis: “X-ray Spectral Variability of TeV Blazars during Rapid Flares”
- Kun Fang (Undergraduate Student, USTC), 2013/02 – 2013/03

TEACHING

- *The Physics and Evolution of Active Galactic Nuclei (English)* (Course #AY15222e01; Lecturer), Fall 2015 – 2017
- *Introduction to Astronomy* (Course #02216601; Lecturer), Fall 2013 – 2017
- *Introduction of Science, Technology, and Engineering* (Course #000001L; Guest Lecturer), 2017/02
“Unveiling Highly-Obscured Active Galactic Nuclei with *Chandra* Deep Fields”
- *Seminar on Science and Society for Freshmen* (Course #60101136; Lecturer), Fall 2015 – Spring 2017
- *Reading of Astronomical Literature* (Course #AY15213; Lecturer), Fall 2014
- *Active Galactic Nuclei* (Course #AY16201a; Co-Lecturer), Spring 2014
- *Overview of Astrophysics* (Course #022X2601; Co-Lecturer), Spring 2013
- *Active Galactic Nuclei* (Course #AY16201a; Teaching Assistant), Spring 2013

- *Introduction to Astronomy* (Course #02216601; Teaching Assistant), Fall 2012
 - *Lecture Series: Frontiers of Astrophysics* (Course #02201001; Guest Lecturer), 2012/10
“Dancing with Supermassive Black Holes across Cosmic Time”
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♠ TEACHING EXPERIENCE AND STUDENTS ADVISED (PRIOR TO JOINING USTC)

- Sharon Xuesong Wang (Graduate Student, Penn State), 2011/05 – 2012/05
Dept. of Astronomy & Astrophysics, The Pennsylvania State University
 - Guest Lecturer for Astro 485 at Penn State, Fall 2011
Dept. of Astronomy & Astrophysics, The Pennsylvania State University
 - Steve Ehlert (Graduate Student, Stanford University), 2011/01
Dept. of Astronomy & Astrophysics, The Pennsylvania State University
 - Alex Paul (Exchange Undergraduate Student, University of Bath), 2008/01 – 2008/05
Dept. of Physics, Purdue University
 - Xuefeng Yuan (Graduate Student, Purdue University), 2007/08 – 2007/12
Dept. of Physics, Purdue University
 - Kari Frank (REU Student, Luther College), 2005/05 – 2005/08
Dept. of Physics, Purdue University
 - Teaching Assistant for PHYS 149 & 221 at Purdue University, Spring 2004
Dept. of Physics, Purdue University
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♠ SERVICE AND OUTREACH (SELECTED) ([BACK TO TOP](#))

- Associate Department Head, Dept. of Astronomy, USTC, 2018/04 – Present
- Member, Laboratory Affairs Commission, 2015/03 – Present
Key Laboratory for Research in Galaxies and Cosmology, Chinese Academy of Sciences, Hefei, China
- M.S./Ph.D. Defense Committee Member/Chair
2018: Jixian Zhang (USTC/MS)
2017: Luming Sun (USTC/PhD), Jun Lu (USTC/MS), Dongchun Zhu (USTC/MS),
Yuhan Sun (USTC/MS), Huan Yang (USTC/PhD), Xiaoyan Zhang (USTC/MS)
2016: Xiaoyang Chen (USTC/MS), Yuan Pei (USTC/MS), Jianhui Lian (USTC/PhD),
Zhongyang Ma (USTC/PhD), Liming Dou (USTC/PhD)
2015: René Simbizi (USTC/MS), Yang Chen (USTC/PhD), Mouyuan Sun (XMU/PhD)
2014: Xiaozhi Lin (USTC/MS), Da Bi (USTC/MS), Gleniese E. Mckenzie (USTC/MS)
2013: Jingmeng Hao (USTC/PhD), Teng Liu (USTC/PhD), Lin Lin (USTC/PhD)
- Interviewer, School of Physical Sciences, USTC
April 2018: Ph.D. Entrance Interview
May/June/September 2015 – 2017: Graduate (Internet) Interview
March 2015, 2017, 2018: Graduate Entrance Second Examination
July/August 2012 – 2015, 2017: Physics Summer Camp
- The Invited Professor, Series of “I Have an Appointment with the Professor”, 2018/06
School of Physical Sciences, USTC, Hefei, China
- Lecture, “The Chandra Deep Fields: Lifting the Veil on Distant AGNs and X-ray Emitting Galaxies”, 2018/04
Advanced Lectures of the CAS Key Laboratory for Research in Galaxies and Cosmology, USTC & SHAO
- Lecture, “Unveiling Highly-Obscured Active Galactic Nuclei with the Chandra Deep Fields”, 2017/05
Hangzhou No.2 High School, Hangzhou, China
- [Explaining Super Moon Phenomenon on Anhui Satellite TV and Hefei TV](#), 2016/11
- Lecturer and Advisor, Future Physicist International Summer Camp (FPISC), July 2013 – 2016
Lecture: “Lifting the Veil on Deeply Buried Supermassive Black Holes in the Universe”
Students (2016): Daniel Tang (UWA), Zhiying Mao (USTC), Sonja Schobesberger (U. Vienna),
Choong Ling Liew-Cain (U. Cam.), Yanlong Shi (USTC), Chaoyu Xie (USTC),
Yijie Sun (USTC), Jiarong Zhu (USTC)
Students (2015): Brent Tan (CMU), Yunshu Shi (USTC), Yang Hu (USTC)
Students (2013): Caitlin Mitchell (UWA), Gianluca Carnielli (ICL), Long Wang (USTC)

School of Physical Sciences, USTC, Hefei, China

- Lecture and rooftop tour, Astro-Night “Cosmic Mysteries” for USTC Kindergarten, 2016/06
Department of Astronomy, USTC, Hefei, China
 - Referee, USTC Team Mid-Term Review for China Undergraduate Physics Tournament (CUPT), 2016/04
School of Physical Sciences, USTC, Hefei, China
 - Advisor, Astrophysics Innovation Class of Gifted Students, Hangzhou No.2 High School of Zhejiang Province, 2015/11 – 2016/02
Lecture: “Journey of Astrophysical Exploration”
 - Member, Review Committee of the 5th Academic Annual Meeting, 2015/11
School of Physical Sciences, USTC, Hefei, China
 - Astro lecture, rooftop and lab tours for 28 visitors from University of Twente, 2015/07
School of Physical Sciences, USTC, Hefei, China
 - Lecturer, USTC Student Astronomical Association, 2015/05
Lecture: “Lifting the Mysterious Veil on Deeply Buried Supermassive Black Holes in the Universe”
 - Public Talk Host and Interpreter, USTC, Hefei, China, 2015/05
“Cosmic Evolution: 9 Billion Years in 60 Minutes” by Prof. Sandra Faber (UCSC)
 - Member, USTC Postgraduates Recruitment Preaching Team, September 2012 & 2013
Chengdu/Sichuan, Nanjing/Jiangsu, China (Organized by USTC Graduate School)
 - Colloquium Organizer, Dept. of Astronomy, USTC, Hefei, China, Fall 2012 & Spring 2013
 - Interviewer, USTC-University of Vienna Undergraduate Summer Research Program, 2013/05
 - AstroFest Volunteer/Observer, 2008 – 2010
Dept. of Astronomy & Astrophysics, The Pennsylvania State University, USA
 - Member of Peking University Youth Astronomical Association, 1996 – 2000
 - Popular Astronomy Essay Writer, National Astronomical Observatories of China, Beijing, China, 1998/10
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♠ COLLOQUIUMS, TALKS, WORKSHOPS, POSTERS, ETC. (SELECTED) ([BACK TO TOP](#))

62. “Piercing through Highly Obscured and Compton-thick AGNs in the Chandra Deep Fields” (colloquium)
School of Physics, Huazhong University of Science and Technology, Wuhan, Hubei, China, 2018/05
61. “Recent Results from the Chandra Deep Fields” (colloquium)
School of Physics and Technology, Nanjing Normal University, Nanjing, Jiangsu, China, 2018/05
60. “Tales of Intriguing AGN X-ray Variability as Threaded by Power Spectral Density” (talk)
Frontiers of Active Galactic Nucleus and Related Science, Nanning, Guangxi, China, 2018/04
59. “Tales of Intriguing AGN X-ray Variability as Threaded by Power Spectral Density” (colloquium)
School of Astronomy & Space Science, Nanjing University, Nanjing, Jiangsu, China, 2018/03
58. “The Chandra Deep Fields: Lifting the Veil on Distant Active Galactic Nuclei and X-Ray Emitting Galaxies” (poster)
48th Saas-Fee Course: *Black Hole Formation and Growth*, Saas-Fee, Switzerland, 2018/01-02
57. “AGN Science with LSST and CSST Optical Survey” (invited talk)
2017 KIAA-PKU Astrophysics Forum: *Sciences with LSST and CSST*, Beijing, China, 2017/11
56. “Tales of Intriguing AGN X-ray Variability as Threaded by Power Spectral Density” (talk)
Star Formation Activity and Its Environmental Effects, Daocheng, Sichuan, China, 2017/10
55. “Deepest View of AGN X-ray Variability with the 7Ms Chandra Deep Field-South Survey” (talk)
Active Galaxies and Galaxies, Shandong University, Weihai, Shandong, China, 2017/08
54. “AGN-Host Galaxy Interactions Revealed by Deep X-ray Surveys” (talk)
The 4th Workshop on Key Problems in Galaxy Evolution, Kunming, Yunnan, China, 2017/08
53. “AGN-Host Galaxy Interactions Revealed by Deep X-ray Surveys” (invited talk)
Black Hole Accretion, Outflow, and AGN Feedback, Harbin, Heilongjiang, China, 2017/07

52. “The Chandra Deep Fields: Lifting the Veil on Distant Active Galactic Nuclei and X-Ray Emitting Galaxies” (talk)
Cross-Strait Symposium of Astrophysics, ACADEMIA SINICA Institute of Astronomy and Astrophysics (ASIAA), Taipei, Taiwan, 2017/07
51. “The Chandra Deep Fields: Lifting the Veil on Distant Active Galactic Nuclei and X-Ray Emitting Galaxies” (colloquium)
Tsinghua Center for Astrophysics, Tsinghua University, Beijing, China, 2017/04
50. “Using Leaked Power to Measure Intrinsic AGN PSD in the eXTP Era” (poster)
High Throughput X-ray Astronomy in the eXTP Era, Italian National Research Center, Rome, Italy, 2017/02
49. “Chandra Deep Fields: Lifting the Veil on Deeply Buried Supermassive Black Holes in the Universe” (talk)
2017 CfA@USTC Symposium on *Black Hole Accretion at Different Scales: Theories and Observations*, Hefei, Anhui, China, 2017/01
48. “Recent Results from the 7Ms Chandra Deep Field-South” (talk)
Galaxies, Gravitational Waves, and Cosmology, Southwest Jiaotong University (Emei Campus), Emeishan, Sichuan, China, 2016/12
47. “Using Leaked Power to Measure Intrinsic AGN Power Spectra of Red-Noise Time Series” (talk)
East-Asia AGN Workshop 2016, Seoul National University, Seoul, South Korea, 2016/09
46. “Cosmic X-ray Surveys of Distant AGNs & the Athena X-ray Observatory” (talk)
Development Strategy for Space Astronomy Workshop, CAS Institute of High Energy Physics, Beijing, China, 2016/09
45. “The 2 Ms Chandra Deep Field-North Survey and the 250 ks Extended Chandra Deep Field-South Survey: Improved Point-Source Catalogs” (poster)
XMM-Newton: The Next Decade, European Space Astronomy Centre (ESAC), Madrid, Spain, 2016/05
44. “Evolution in the Black Hole-Galaxy Scaling Relations and the Duty Cycle of Nuclear Activity in Star-forming Galaxies” (talk)
USTC Dept. of Astronomy-Xinjiang Astronomical Observatory Joint Seminar, Hefei, Anhui, China, 2015/11
43. “The 2 Ms Chandra Deep Field-North Survey and the 250 ks Extended Chandra Deep Field-South Survey: Improved Point-Source Catalogs” (talk)
Chinese Astronomical Society Annual Meeting, Beijing, China, 2015/10
42. “Scientific Layout of Chinese Ground-Based Optical/Infrared Telescopes” (observational site field trip)
Ali Observatory, Ali, Tibet, China, 2015/09
41. “Evolution in the Black Hole-Galaxy Scaling Relations and the Duty Cycle of Nuclear Activity in Star-forming Galaxies” (talk)
2nd Workshop on Key Problems in Galaxy Evolution, Shandong University, Weihai, Shandong, China, 2015/08
40. “Photometric Redshifts in the Hawaii-Hubble Deep Field-North” (poster)
The IAU XXIX General Assembly, Honolulu, Hawaii, USA, 2015/08
39. “The 2 Ms Chandra Deep Field-North Survey and the 250 ks Extended Chandra Deep Field-South Survey: Improved Point-Source Catalogs” (talk)
CFA@USTC Symposium on SMBHs and Galaxies, Hefei, Anhui, China, 2015/07
38. “The 2 Ms Chandra Deep Field-North Survey and the 250 ks Extended Chandra Deep Field-South Survey: Improved Point-Source Catalogs” (talk)
The 3rd East-Asia AGN Workshop, Changchun, Jilin, China, 2015/07
37. “Recent Efforts on Obscured AGN Demography from the Chandra Deep Fields” (colloquium)
Center for Astronomy and Astrophysics, Shanghai Jiao Tong University, Shanghai, China, 2015/06

36. “Black Hole Accretion and AGN Feedback” (conference)
Shanghai Astronomical Observatory, Shanghai, China, 2015/06
35. “Recent Efforts on Obscured AGN Demography from the Chandra Deep Fields” (colloquium)
Dept. of Astronomy, Xiamen University, Xiamen, Fujian, China, 2015/05
34. “Photometric Redshifts in the Hawaii-*Hubble* Deep Field-North” (talk)
The 973 Program *Observations of Dark Energy* Kickoff Meeting, Center for Astronomy and Astrophysics,
Shanghai Jiao Tong University, Shanghai, China, 2015/05
33. “A Recent Chandra Deep Fields Perspective on Obscured AGN Demographics” (invited talk)
Quasars and Active Galactic Nuclei over Cosmic Time Workshop, Kavli Institute for Astronomy and
Astrophysics, Peking University, Beijing, China, 2015/03
32. “Photometric Redshifts in the Hawaii-*Hubble* Deep Field-North” (talk)
TMT in China, Scientific and Technological Frontiers, KIAA-PKU Astrophysics Forum, Kavli Institute
for Astronomy and Astrophysics, Peking University, Beijing, China, 2014/11
31. “Photometric Redshifts in the Hawaii-*Hubble* Deep Field-North” (talk)
Chinese Astronomical Society Annual Meeting, Xi’an, Shanxi, China, 2014/10
30. “Hunting for the Source Population Responsible for the Unresolved Cosmic 6–8 keV Background” (talk)
Xinjiang Astronomical Observatory-USTC Dept. of Astronomy Joint Seminar, Urumqi, Xinjiang, China, 2014/07
29. “Towards a Complete Census of Distant Obscured AGNs in the *Chandra* Deep Field-South” (invited talk)
From Dark Matter to Galaxies, The 10th Sino-German Workshop on Galaxy Formation and Cosmology,
Xi’an, Shanxi, China, 2014/05
28. “Obscured AGN Demography through Cosmic Time: Results from the *Chandra* Deep Field-South” (colloquium)
Shanghai Astronomical Observatory, Shanghai, China, 2014/04
27. “Mini-workshop on Cosmology and Galaxy Formation ” (workshop)
Center for Astronomy and Astrophysics, Shanghai Jiao Tong University, Shanghai, China, 2014/03
26. “ATHENA (the Advanced Telescope for High ENergy Astrophysics) Kick-off Meeting” (workshop)
Max-Planck-Institute for Extraterrestrial Physics (MPE), Garching, Germany, 2014/01
25. “Hunting down the Source Population Responsible for the Unresolved Cosmic 6–8 keV Background” (talk)
The Mini-workshop on AGNs by Shanghai Astronomical Observatory & Polar Research Institute of China,
Zhoushan, Zhejiang, China, 2013/11
24. “*Chandra* Deep Field-South: Toward Understanding the Demography of distant obscured AGNs” (colloquium)
School of Astronomy & Space Science, Nanjing University, Nanjing, Jiangsu, China, 2013/10
23. Working Meeting of Key Laboratory for Research in Galaxies and Cosmology (CAS), Hulunbeier, Inner
Mongolia, China, 2013/08
22. “Supermassive Black Hole Activity and Evolution” (workshop)
Workshop of NSFC Key Program, Tianzhushan, Anhui, China, 2013/07
21. “Recent AGN Demography Efforts from the Chandra Deep Field-South” (invited talk)
9th Zhangheng Symposium, Chinese Astronomical Society, Zhangjiajie, Hunan, China, 2013/06-07
20. “Recent AGN Results from the Chandra Deep Field-South” (talk)
High Energy Astrophysics Workshop, National Astronomical Observatories of China, Beijing, China, 2013/05
19. “Mini-workshop on Outflows” (workshop)
Workshop of Key Laboratory for Research in Galaxies and Cosmology (CAS), Jiuhuashan, Anhui, China, 2013/04
18. “The Next Generation Canada-France-Hawaii Telescope (ngCFHT) Workshop” (workshop)
CFHT Corporation, Hilo, Hawaii, USA, 2013/03

17. “Hunting for Highly Obscured Active Galactic Nuclei in the *Chandra* Deep Field-South” (talk)
Working Meeting of Key Laboratory for Research in Galaxies and Cosmology (CAS), Maanshan, Anhui, China, 2012/11
16. “Efforts in Searching for Highly Obscured Active Galactic Nuclei in the *Chandra* Deep Field-South” (talk)
7th Black Hole Astrophysics Annual Meeting, Xishuangbanna, Yunnan, China, 2012/11
15. “Tracking Down the Source Population Responsible for the Unresolved Cosmic 6–8 keV Background” (talk)
220th AAS Meeting, Anchorage, Alaska, USA, 2012/06
14. “*Chandra* Deep Fields: Investigating Active Galactic Nuclei across Cosmic Time” (colloquium)
Kavli Institute for Astronomy & Astrophysics/Dept. of Astronomy, Peking University, Beijing, China, 2012/05
13. “*Chandra* Deep Fields: Recent Results on Supermassive Black Holes and Their Host Galaxies” (invited talk)
Workshop on Ecosystems of Galaxies, USTC, Hefei, Anhui, China, 2012/05
12. “Active Galaxy Ecology through Cosmic Time: Results from Deep Extragalactic Surveys” (colloquium)
Dept. of Astronomy, USTC, Hefei, Anhui, China, 2011/07
11. “Black Hole-Jet Systems: From Blazars to Microquasars” (colloquium)
Dept. of Physics, Xiamen University, Xiamen, Fujian, China, 2009/10
10. “Color-Magnitude Relations of Active and Non-Active Galaxies in the *Chandra* Deep Fields: High-Redshift Constraints and Stellar-Mass Selection Effects” (talk)
Galactic Center Workshop 2009, Shanghai, China, 2009/10
9. “Black Hole-Jet Systems: From Blazars to Microquasars” (colloquium)
Dept. of Physics & Space Sciences, Florida Institute of Technology, Melbourne, Florida, USA, 2008/02
8. “Toward Understanding the Spectral Energy Distribution of Microquasars” (dissertation talk)
211th AAS Meeting, Austin, Texas, USA, 2008/01
7. “Toward Understanding the Spectral Energy Distribution of Microquasars” (colloquium)
Dept. of Physics, George Washington University, Washington D.C., USA, 2007/09
6. “Toward Understanding the Spectral Energy Distribution of Microquasars” (seminar)
Astrophysics/High Energy Physics Seminar, Dept. of Physics, Purdue University, West Lafayette, Indiana, USA, 2007/09
5. “Toward Understanding the Spectral Energy Distribution of Microquasars. I. Multiwavelength Properties of XTE J1550–564” (poster)
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3. “The INTEGRAL Data Analysis Workshop” (workshop)
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