

Prof. Yuanyuan Su – Curriculum Vitae – last edited July 2020

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Professional Experience

Assistant Professor at University of Kentucky
January 2019 – present
Postdoctoral Fellow at Harvard-Smithsonian Center for Astrophysics
August 2015 – December 2018
Postdoctoral Scholar at University of California, Irvine
September 2013 – July 2015
Research Assistant at University of Alabama
September 2008 – July 2013

Education

Ph.D. Astrophysics, University of Alabama, December 2013
Dissertation title: “X-ray observations of hot gas in groups and early-type galaxies”
B.Sc. Physics, Sichuan University, June 2007

PI Proposals

Accepted Proposals as the Principal Investigator

2020 **Chandra** AO 22 –**55 ksec** – Virgo S11
2020 **Chandra** AO 22 –**171 ksec** – Antlia cluster
2019 **XMM-Newton** AO 19 –**102 ksec** – Virgo CF S, SW, and W
2018 **XMM-Newton** AO 18 –**48 ksec** – NGC 3258, NGC 3258-SW
2018 **JVLA** –**14.50 hours** – NGC 4477
2018 **HISAKI** –**200 ksec** – NGC 5044 and Abell 2597
2017 **Chandra** AO 19 – Archival proposal
2017 **Chandra** AO 19 –**45 ksec** – MKW4
2015 **XMM-Newton** AO 15 – **183 ksec** – Abell 1142
2015 **XMM-Newton** AO 15 – **73 ksec** – NGC 4342
2015 **Chandra** AO 17 – **200 ksec** – Abell 586
2015 **Suzaku** AO 10 – **100 ksec** – NGC 4342
2015 **Suzaku** AO 10 – **100 ksec** – Abell 586
2014 **Chandra** AO 16 – **10 ksec** – ESO3060170-S
2014 **Suzaku** AO 9 – **200 ksec** – RXJ1159+5531-E, RXJ1159-5531-W
2014 **Suzaku** AO 9 – **200 ksec** – ESO3060170-E, ESO3060170-W
2014 **Suzaku** AO 9 – **100 ksec** – MKW4-WN
2013 **XMM-Newton** AO 13 – **196 ksec** – ESO3060170-S, ESO3060170-E
2013 **Suzaku** AO 8 – **230 ksec** – MKW4, MKW4-N2, MKW4-W2
2011 **XMM-Newton** AO 11 – **90 ksec** – NGC 3608, NGC 5982
2011 **Chandra** AO 13 – **55 ksec** (Chandra), **30 ksec** (XMM-Newton, joint)
–NGC 1400, NGC 1407-E
2011 **Suzaku** AO 6 – **100 ksec** – NGC 1407/1400
2010 **Suzaku** AO 5 – **110 ksec** – ESO3060170, ESO3060170-S

Services

NASA Chandra review panelist
NASA NuSTAR review panelist
Referee of Nature

Referee of Monthly Notices of the Royal Astronomical Society
Referee of the Astrophysical Journal
Contributed to review of paper submitted to Physical Review Letters
Committee member of the department colloquium at the University of Kentucky
Committee member of Diversity and Inclusion at the University of Kentucky
Committee member of graduate admissions at the University of Kentucky
Committee member of the Keith B. Macadam graduation excellence fellowship at the University of Kentucky
2015–2018 Organizer of the weekly galaxy cluster group meeting at the Harvard-Smithsonian CfA (consisting of more than 30 scientists from the CfA, MIT, Tufts Univ., and Boston Univ.)
2015–2018 Co-Organizer of the weekly High Energy Seminar at the Harvard-Smithsonian CfA
https://www.youtube.com/channel/UCMFEeX24_lviXNhek5-FFLA

Press Release

JAXA Institute of Space and Astronautical Science
<http://www.isas.jaxa.jp/topics/002224.html>
<http://www.isas.jaxa.jp/en/topics/002225.html>
Warm gas in the core of a galaxy cluster? – the first astrophysical results by Spectroscopic Planetary Observatory “HISAKI”