

Yuming Fu

PHD CANDIDATE IN ASTROPHYSICS

Kavli Institute for Astronomy and Astrophysics, Peking University
5 Yiheyuan Road, Haidian District, Beijing 100871, P. R. China

rudolffu.github.io/ | rudolffu | fuym@pku.edu.cn

Employment

Department of Astronomy, School of Physics, Peking University

CLASS ADVISER FOR 2018 UNDERGRADUATES IN ASTRONOMY

Beijing, China

Aug. 2018 –

Education

Peking University

PHD CANDIDATE IN ASTROPHYSICS

- Thesis title: Searching for Quasars behind the Galactic Plane
- Supervisor: Prof. Xue-Bing Wu

Beijing, China

2016 –

Leiden Observatory, Leiden University

GUEST PHD STUDENT

- Supervisor: Dr. Anthony BROWN

Leiden, Netherlands

Apr. 2019 – Sep. 2019

China University of Geosciences

BACHELOR OF SCIENCE IN GEOPHYSICS

- Outstanding Graduates Of Beijing City
- Thesis title: High-precision Research on the Velocity Structure of Double Seismic Zone beneath Tohoku Region in Japan
- Advisor: Prof. Guoming JIANG

Beijing, China

2012 – 2016

Peer review publications

First-author publications:

- IDENTIFYING QUASARS BEHIND THE GALACTIC PLANE WITH ALLWISE AND PAN-STARRS
Fu Y., Wu X.-B., Yang Q. et. al in prep.
- PRECISE ARTHQUAKE RELOCATION OF DOUBLE SEISMIC ZONE BENEATH TOHOKU REGION IN JAPAN (IN CHINESE)
Fu Y., Jiang G., Wei Y., Zhou Z., & Ma X. 2016
Acta Seismologica Sinica

Other publications:

- THE LARGE SKY AREA MULTI-OBJECT FIBER SPECTROSCOPIC TELESCOPE (LAMOST) QUASAR SURVEY: THE FORTH AND FIFTH DATA RELEASE
Yao S., Wu X.-B., Ai Y.L., Yang J., Yang Q., Dong X., Joshi R., Wang F., Feng X., Fu Y., Hou W., Luo A.-L., Kong X., Liu Y., Zhao Y.-H., Zhang Y.-X., Yuan H.-L., & Shen S. 2019
ApJS
- DISCOVERY OF 21 NEW CHANGING-LOOK AGNS IN NORTHERN SKY
Yang Q., Wu X.B., Fan X., Jiang L., McGreer I., Shangguan J., Yao S., Wang B., Joshi R., Green R., Wang F., Feng X., Fu Y., Yang J. & Liu Y. 2018
AJ
- QUASAR PHOTOMETRIC REDSHIFTS AND CANDIDATE SELECTION: A NEW ALGORITHM BASED ON OPTICAL AND MID-INFRARED PHOTOMETRIC DATA
Yang Q., Wu X.B., Fan X., Jiang L., McGreer I., Green R., Yang J., Schindler J.T., Wang F., Zuo W. & Fu Y. 2017
AJ

Seminars & Conference Talks

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| Oct., 2018 | 2018 Annual Meeting of Chinese Astronomical Society (CAS) , Searching for Quasars behind the Galactic Plane | Kunming, China |
| Nov., 2018 | China-VO and Astroinformatics 2018: ML and AI in Astronomy , Machine Learning in Quasar Survey at Low Galactic Latitude | Jingdezhen, China |
| Apr., 2019 | ESLAB# 53: The <i>Gaia</i> Universe , Uncovering Hidden Quasars behind the Galactic Plane with ALLWISE, Pan-STARRS and <i>Gaia</i> | Noordwijk, Netherlands |

Training

Summer schools

Jul. 2018	The 2nd East Asian Workshop on Astrostatistics , NAOC/GNU/PMO	Nanjing, China
Nov. 2017	The Ninth Xinglong Observational Astrophysics Workshop: High Resolution Spectroscopy , NAOC	Xinglong Observatory, China
Sep. 2017	TIARA Summer School on Astrostatistics and Big Data , TIARA, ASIAA	Taipei, Taiwan, China
Jul. 2017	LAMOST Users Workshop 2017 , NAOC/UCAS	Huairou, China
Aug. 2016	The Sixth Xinglong Observational Astrophysics Workshop: Time Domain Astronomy , NAOC	Xinglong Observatory, China

Field works

Jul. 2015	Integrated geophysics field work	Qinhuangdao, Hebei, China
Aug. 2014	Tectonic geology field work	Zhoukoudian, Beijing, China
Jul. 2013	Initiation to geology field work	Qinhuangdao, Hebei, China

Honors & Awards

2018	Special Scholarship for Outstanding PhD Students , PKU	Beijing, China
2017	Award for Scientific Research , PKU	Beijing, China
2017	The 3rd Prize of CASC Scholarship , PKU/CASC	Beijing, China

Outreach

2018	Public Talk: Astronomy in Everyday Life	Hangzhou Arts and Crafts Museum, Hangzhou & Bingwen Book House, Chengdu
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Skills

Observation and data reduction	Photometric/spectroscopic observation, telescope operating, IRAF
Programming	Python 2/3, Matlab, Bash, Fortran, C, IDL
Data analysis	PDS, ISIS, Mathematica
Database	MySQL, Clickhouse
Management	LAMP server