

PENGFEI LI

Pengfei.Li@utah.edu

INSCC Room 305, 155 S 1452 E, ♦ Salt Lake City, UT 84112, USA

RESEARCH INTEREST

Galaxy Formation, Large Scale Structure, and Cosmology

Ly α Radiative Transfer, Extended Ly α Halos, Galaxy Quenching

EDUCATION

University of Utah Sept. 2021 - Present

Graduate student

Advisor: Prof. Zheng Zheng

Physics and Astronomy Department

University of Science and Technology of China (USTC) Sept. 2020 - June 2021

Graduate student

Advisor: Prof. Huiyuan Wang

Department of Astronomy, School of Physical Sciences

University of Science and Technology of China (USTC) Sept. 2016 - June 2020

B.S. in Astronomy

Advisor: Prof. Huiyuan Wang

Wang Shouguan Talent Program in Astronomy,

Department of Astronomy, School of Physical Sciences

PUBLICATION

[1] **Pengfei Li**, Huiyuan Wang, H.J. Mo, Enci Wang, Hui Hong, *Characteristic Mass in Galaxy Quenching: Environmental versus Internal Effects*, 2020, ApJ, 902, 75
<https://doi.org/10.3847/1538-4357/abb66c>

[2] Ziwen Zhang, Huiyuan Wang, Wentao Luo, H.J. Mo, Zhixiong Liang, Ran Li, Xiaohu Yang, Tinggui Wang, Hongxin Zhang, Hui Hong, Xiaoyu Wang, Enci Wang, **Pengfei Li**, and JingJing-Shi, *Host and Trigger of AGNs in the Local Universe*, 2021, A&A, 650, A155,
<https://doi.org/10.1051/0004-6361/202040150>

ACADEMIC ACTIVITIES

The 23rd Guo Shoujing Galaxy Cosmology Symposium May 14-17, 2021
Hangzhou, Zhejiang, China

The 22nd Guo Shoujing Galaxy Cosmology Symposium Nov. 21-23, 2020
Presentation: Characteristic Mass in Galaxy Quenching: Internal versus Environmental Effects
Zhuhai, Guangdong, China

UMass Summer Internship Talk July 18, 2019
Quenching of Star Formation: Internal versus Environmental Effects
University of Massachusetts–Amherst

HONORS AND AWARDS

Swigart Summer Research Fellowship, University of Utah	May-Aug. 2022
Outstanding Student Scholarship, Grade B (10%), USTC	2018-2019
Outstanding Student Scholarship, Grade C (20%), USTC	2016-2017
Outstanding Freshman Scholarship, Grade C (20%), USTC	2016

COMPUTER SKILLS

C/C++, Python, MATLAB, L^AT_EX