

Meng Gu

Contact Information

Department of Astrophysical Sciences
Princeton University
4 Ivy Lane, A110
Princeton, NJ 08540

E-mail

meng.gu@princeton.edu

Homepage

<https://menggu-astro.github.io>

ORCID: 0000-0002-4267-9344

EDUCATION

- Henry Norris Russell Postdoctoral Fellow*
Department of Astrophysical Sciences, Princeton University
Princeton, NJ, USA Sep. 2019 – Now
- Post-doc Researcher*
Department of Astronomy, Harvard University
Cambridge, MA, USA
Advisor: Prof. Charlie Conroy Jul. 2019
- Ph.D., Astronomy & Astrophysics*
NSF Graduate Research Fellow
Department of Astronomy, Harvard University
Cambridge, MA, USA
Advisor: Prof. Charlie Conroy May. 2016 – Jun. 2019
- M.A., Astronomy & Astrophysics*
Department of Astronomy, Harvard University
Cambridge, MA, USA Sep. 2014 – May. 2016
- Graduate student*, Department of Astronomy, University of California, Santa Cruz
Santa Cruz, CA, USA Sep. 2013 – Sep. 2014
- Bachelor of Science*, School of Astronomy and Space Sciences, Nanjing University
Nanjing, Jiangsu, P. R. China Sep. 2008 – Jun. 2013

PROFESSIONAL EXPERIENCE

- Student Intern*, Carnegie Observatories,
Pasadena, CA, USA
Advisor: Dr. Luis Ho Apr. 2011 Feb. 2012

AWARDS AND FELLOWSHIPS

- NSF Graduate Research Fellowship 2014 – 2019
- Regent's Fellowship 2013 – 2014
- National Astronomical Observatories Scholarship, Chinese Academy of Sciences 2009
- Nanjing University People's Scholarship 2009

TEACHING EXPERIENCE

- Teaching Fellow, Astronomy 17
Galactic and Extragalactic Astronomy
Harvard University, Fall 2017
- Teaching Assistant, Astronomy 5
Introductory Astronomy: The Formation And Evolution Of The Universe
UC Santa Cruz, Winter 2014

TALKS

Galaxies & Cosmology Seminar, CfA	Sep. 2018
Santa Cruz Galaxy Workshop	Aug. 2018
Stellar Halos across the Cosmos in Heidelberg	Jul. 2018
SDSS-IV Collaboration Meeting in Seoul	Jun. 2018
SDSS-IV/MaNGA Collaboration Meeting in Campeche	Dec. 2017
MaNGA Team Meeting in Shanghai	Nov. 2016
SDSS-IV Collaboration Meeting in Madison	Jun. 2016

REFERENCES

- **Prof. Charlie Conroy**, Harvard University
- **Prof. Pieter van Dokkum**, Yale University
- **Dr. David Law**, Space Telescope Science Institute

PUBLICATIONS

- **Meng Gu**, Charlie Conroy, David Law, Pieter van Dokkum, Renbin Yan, David Wake, Kevin Bundy, Alexa Villaume, Roberto Abraham, Allison Merritt, Jielai Zhang, Matthew Bershad, Dmitry Bizyaev, Kaike Pan, Daniel Thomas, and Anne-Marie Weijmans
Spectroscopic Constraints on the Build-up of the Intracluster Light in the Coma Cluster
submitted to ApJ, arXiv:1810.13242
- **Meng Gu**, Charlie Conroy, and Gabriel Brammer
Coordinated Assembly of Brightest Cluster Galaxies
Published 2018 July 31
The Astrophysical Journal Letters, Volume 862, Number 2
- **Meng Gu**, Charlie Conroy, David Law, Pieter van Dokkum, Renbin Yan, David Wake, Kevin Bundy, Allison Merritt, Roberto Abraham, Jielai Zhang, Matthew Bershad, Dmitry Bizyaev, Jonathan Brinkmann, Niv Drory, Kathleen Grabowski, Karen Masters, Kaike Pan, John Parejko, Anne-Marie Weijmans, and Kai Zhang
Low Metallicities and Old Ages for Three Ultra-diffuse Galaxies in the Coma Cluster
Published 2018 May 21
The Astrophysical Journal, Volume 859, Number 1
- **Meng Gu**, Charlie Conroy, and Peter Behroozi
Hierarchical Galaxy Growth and Scatter in the Stellar Mass-Halo Mass Relation
Published 2016 December 1
The Astrophysical Journal, Volume 833, Number 1
- **Meng Gu**, Luis C. Ho, Chien Y. Peng, and Song Huang
A Novel Approach to Constrain the Mass Ratio of Minor Mergers in Elliptical Galaxies: Application to NGC 4889, the Brightest Cluster Galaxy in Coma
Published 2013 July 23
The Astrophysical Journal, Volume 773, Number 1