

Guangwei Fu

Department of Astronomy
University of Maryland-College Park
guangweifu@gmail.com

- Research Interest** Exoplanet Atmosphere Characterization
Statistical Comparative Exoplanetology
- Education** **University of Maryland - College Park**
Ph.D. in Astronomy , August 2017 - August 2023 (expected)
Advisor: Drake Deming
- University of Wisconsin - Madison**
B.S. in Engineering Mechanics , May 2017
B.S. in Astronomy - Physics , May 2017
- Research Experience** **Graduate Research Assistant** Jun 2017 - Present
University of Maryland - College Park, MD
- Summer Research Student** Jul 2016 - Aug 2016
Academia Sinica Institute of Astronomy and Astrophysics, Taipei, Taiwan
- Undergraduate Research Assistant** Oct 2014 - May 2017
University of Wisconsin - Madison, WI
- Teaching Experience** **University of Maryland, Teaching Assistant** Aug 2017 - May 2018
ASTR 230 Science & Fiction of Planetary Systems
- University of Wisconsin, Grader** Fall 2015 - Spring 2016
ASTRO 103 The Evolving Universe: Stars, Galaxies, and Cosmology
- Publication** *Statistical Analysis of Hubble/WFC3 Transit Spectroscopy of Extrasolar Planets*
Fu, G., Deming D., Knutson H., Madhusudhan N., Mandell A., Fraine J., 2017, *ApJL*, 847, L22
- Near-Infrared High-Resolution Imaging Polarimetry of FU Ori-Type Objects: Towards A Unified Scheme for Low-Mass Protostellar Evolution*
Takami M., **Fu G.**, Baobab Liu H., Karr J., Hashimoto J., et al., 2018, *ApJ*, 864, L20
- Poster Presentation** *Differential polarization direct imaging of FU Ori type YSO*
Fu, G., Takami, M., Scicluna, P., Karr, J., 229th AAS meeting, Grapevine, TX, Jan. 2017
- Imaging exoplanets with the WFIRST Coronagraph: A background check of high priority targets*
Fu, G., Turnbull, M., Gallagher, J., Kotulla, Ralf., Merrelli, A., L'Ecuyer, T., Hu., R. 227th AAS meeting, Kissimmee, FL, Jan. 2016
- Talk** *Statistical Analysis of Hubble/WFC3 Transit Spectroscopy of Extrasolar Planets*
Fu, G., Deming D., Knutson H., Madhusudhan N., Mandell A., Fraine J., 229th AAS meeting, Washington, DC, Jan. 2018
- Observing Experience** **WIYN 3.5 meter telescope: 10 nights** 2016A-0452 & 2016B-0190; **Co-I**
Exploring the (extra-)galactic background along lines-of-sight to nearby exoplanet host star candidates

Submillimeter Array: 6 hours
CO mapping of IC10

2016A-A028; **PI**

Workshop

Sagan Exoplanet Summer Workshop
Caltech, Pasadena, CA

July 2018

TIARA Summer School on Radio Astronomy
ASIAA, Taipei, Taiwan

Aug 2016

Dunlap Institute summer school
Introduction to Astronomical Instrumentation
University of Toronto, Toronto, Canada

Jul 2015