YINGJIE ZHU

2134B, Climate & Space Research Building, University of Michigan
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EDUCATION

B.S., Peking University *Sep 2015 - July 2019*
School of Earth and Space Sciences Official Transcripts
Thesis Topic: Radiative Hydrodynamics Modeling of Eruptive Events on the Sun and M Dwarfs
Ph.D. Pre-Candidate, University of Michigan, Ann Arbor *Sep 2019 - Present*
Department of Climate and Space Sciences and Engineering

EXPERIENCE

Peking University *Apr 2017 - July 2019*
Undergraduate Research supervised by Dr.Hui Tian
· Investigation of an S-shape Flare Ribbon with SDO and NVST observations
· Spectroscopic Diagnostics of IRIS data

National Solar Observatory, University of Colorado Boulder *July 2018 - Sep 2018*
Summer Research supervised by Dr.Adam F. Kowalski
· Radiative Hydrodynamics Modeling of Mg II Lines at Solar Flare Ribbons

Univerisity of Michigan, Ann Arbor *Sep 2019 - Present*
Advisor: Prof.Enrico Landi
· Spectroscopic Diagnostics with Hinode/EIS and SoHO/SUMER

PUBLICATIONS

Yingjie Zhu, Adam F. Kowalski, Hui Tian, Han Uitenbroek *et al.* "Modeling Mg II h, k and Triplet Lines at Solar Flare Ribbons", 2019, ApJ, 879, 19.

ACADEMIC AWARD

Outstanding Student Poster Award, 2nd China-Europe Solar Physics Meeting *2019*
May 4th Scholarship, PKU *2016,2017*
Merit Student, PKU *2016,2018*
Award for Academic Excellents, PKU *2017*
Wong lo Kat Scholarship, PKU *2018*
Excellent Graduate, PKU *2019*

ACADEMIC ACTIVITIES

Posters
· *"An S-shape Flare Ribbon Observed by NVST and SDO/AIA"*, The 4th, Chinese Space Weather Conference *Aug 2017*
· *"Modeling Mg II h, k and Triplet Lines at Solar Flare Ribbons"*, The 2nd China-Europe Solar Physics Meeting *May 2019*

Talks
· *"An S-shape Flare Ribbon Observed by NVST and SDO/AIA"*, The 2017 Annual Meeting of Chinese Geoscience Union (CGU) *Oct 2017*

· *"Modeling Mg* II *h, k and Triplet Lines at Solar Flare Ribbons"*, ISSI/ISSI-BJ International Team Workshop: Diagnosing Heating Mechanism in Solar Flares Through Spectroscopic Observations of Flare Ribbons *Oct 2018*