

Suoqing Ji

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EDUCATION **University of California Santa Barbara**, Santa Babara, California USA

Ph.D. Candidate, Theoretical Physics

- Advisor: Peng Oh

M.A., Physics, June 2015

University of Massachusetts Dartmouth, Dartmouth, Massachusetts USA

M.S., Physics, June 2013

- Dissertation Title: *The Magnetic Evolution of Binary White Dwarf Merger Remnants*
- Advisor: Robert Fisher

Anhui Jianzhu University, Hefei, Anhui China

B.S. with Honors, Physics, June 2011

SELECTED HONORS Worster Fellowship, Department of Physics, UCSB, 2017

AND AWARDS First Place, *Art of Science* Competition, UCSB, 2016

Worster Fellowship, Department of Physics, UCSB, 2015

Paxton Fellowship for Theoretical Astrophysics, Kavli Institute for Theoretical Physics, UCSB, 2014

Broida Fellowship, Department of Physics, UCSB, 2013

National Fellowship, Ministry of Education of China, 2010

PUBLICATIONS E. O. Nadler, S. P. Oh, and S. Ji, *On the Apparent Power Law in CDM Halo Pseudo Phase Space Density Profiles*, accepted to Monthly Notices of Royal Astronomical Society.

R. Kashyap, R. Fisher, E. García-Berro, G. Aznar-Siguán, S. Ji, and P. Lorén-Aguilar, *One-Armed Spiral Instability in Double-Degenerate Post-Merger Accretion Disks*, accepted to Astrophysical Journal.

S. Ji, S. P. Oh, M. Ruszkowski, and M. Markevitch, *The Efficiency of Magnetic Field Amplification at Shocks by Turbulence*, Monthly Notices of Royal Astronomical Society, 463, 3989, 2016.

D. van Rossum, R. Kashyap, R. Fisher, R. T. Wollaeger, E. García-Berro, G. Aznar-Siguán, S. Ji, and P. Lorén-Aguilar, *Light Curves and Spectra from a Thermonuclear Explosion of a White Dwarf Merger*, Astrophysical Journal, 827, 128, 2016.

R. Kashyap, R. Fisher, E. García-Berro, G. Aznar-Siguán, S. Ji, and P. Lorén-Aguilar, *Spiral Instability Drives Thermonuclear Detonations in Binary White Dwarf Mergers*, Astrophysical Journal Letters, 800, L7, 2015.

S. Ji, R. Fisher, E. García-Berro, P. Tzeferacos, G. Jordan, D. Lee, P. Lorén-Aguilar, P. Cremer, and J. Behrends, *The Post-Merger Magnetized Evolution of White Dwarf Binaries: The Double-Degenerate Channel of Sub-Chandrasekhar Type Ia Supernovae and the Formation of Magnetized White Dwarfs*, Astrophysical Journal, 773, 136, 2013.

STUDENTS Phillip Masterson (College of Creative Study, UCSB), 2016

(CO)ADVISED Ethan Nadler (College of Creative Study, UCSB → Physics PhD program, Stanford University), 2015

PROFESSIONAL **yt Project Member**

2014 – current

SERVICE Contributed to visualization functionalities including volume rendering in **yt**, which is a python package for analyzing and visualizing volumetric, multi-resolution data from astrophysical simulations and radio telescopes.

TALKS AND	Shanghai Astronomical Observatory, Chinese Academy of Sciences	Dec 2016
SEMINARS	Tsinghua Center for Astrophysics, Tsinghua University	Dec 2016
	The Kavli Institute for Astronomy and Astrophysics, Peking University	Dec 2016
	Yunnan Observatories, Chinese Academy of Sciences	Jan 2016
	Purple Mountain Observatory, Chinese Academy of Sciences	Jan 2016
	School of Astronomy and Space Science, Nanjing University	Jan 2016
	Department of Astronomy, University of Science and Technology of China	Dec 2015
	School of Physics and Astronomy, Shanghai Jiaotong University	Dec 2015
	Shanghai Astronomical Observatory, Chinese Academy of Sciences	Dec 2015
	National Astronomical Observatories of China, Chinese Academy of Sciences	Dec 2015
	School of Astronomy and Space Science, Nanjing University	Jul 2013