

WENZER QIN

CONTACT INFORMATION

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EDUCATION

2019-present Massachusetts Institute of Technology, Cambridge, MA
 Advisor: Prof. Tracy SLATYER
 Ph.D., Physics; GPA: 5.0/5.0

2015-2019 Johns Hopkins University, Baltimore, MD
 Advisors: Prof. Marc KAMIONKOWSKI, Prof. Nadia ZAKAMSKA, Prof. Andrei GRITSAN
 B.S., Physics; B.A., Mathematics; GPA: 3.99/4.0 (Major GPA: 4.0/4.0)

2012-2015 Hickman High School; Columbia, MO

PUBLICATIONS

- [1] **W. Qin**, K. K. Boddy, M. Kamionkowski, and L. Dai. Pulsar-timing arrays, astrometry, and gravitational waves. *Phys. Rev. D*, D99(6):063002, 2019.
- [2] **W. Qin**, D. M. Nataf, N. Zakamska, P. R. Wood, and L. Casagrande. The Mira-based distance to the Galactic centre. *The Astrophysical Journal*, 865(1):47, August 2018.
- [3] CMS Collaboration (including **W. Qin**). Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at $\sqrt{s}=13$ TeV. *Journal of High Energy Physics*, 6:127, June 2018.

AWARDS AND HONORS

- 2019 · NSF Graduate Research Fellowship
 - LeRoy Apker Award Finalist
 - C. M. Clay Fellowship (MIT First Year Fellowship)
 - Henry W. Kendall Fellowship (MIT First Year Fellowship)
 - Donald E. Kerr Memorial Award for outstanding graduating senior in Physics
 - J.J. Sylvester Award for outstanding graduating senior in Mathematics
- 2018 · Barry Goldwater Scholarship
 - Selected for Caltech's inaugural FUTURE of Physics program for outstanding undergraduate women in physics
 - Johns Hopkins STAR Award for summer research
- 2017 · Inducted into Sigma Pi Sigma ($\Sigma \Pi \Sigma$)
 - Maryland Space Grant recipient for summer research

- 2nd Place Presentation at the Maryland Space Grant Consortium's Student Research Symposium
- 2015 · Sylvia Friedberg Nachlas Scholarship (2015-18)
 - National Merit Scholarship
 - National Mu Alpha Theta Scholarship
 - Valedictorian and Hickman High School Academic Hall of Fame Inductee

TALKS / SEMINARS

- 2019 · MIT Kavli Institute Graduate Lunch Seminar

COMMUNITY

- 2020 · Treasurer of the MIT Physics Graduate Student Council
- 2019 · Organizer for the MIT Center for Theoretical Physics Friday Lunch Seminar
 - Member of the Johns Hopkins team for the 2019 International Olympiad in Theoretical Physics; placed 1st overall
- 2018 · Founder of the Johns Hopkins Physics Undergraduate Journal Club
 - Member of the Johns Hopkins team for the 2018 International Olympiad in Theoretical Physics; placed 9th overall

TEACHING

- 2016-2018 · Teaching Assistant at Johns Hopkins University (General Physics 171.102 and 171.108)

June 19, 2020