

WENZER QIN

CONTACT INFORMATION

email wenzerq@mit.edu
website <https://wenzerq.github.io/>
ORCID <https://orcid.org/0000-0001-7849-6585>

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

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
 · Caltech's 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, Maryland Space Grant Consortium Student Research Symposium
2015 · Sylvia Friedberg Nachlas Scholarship (2015-18)

PUBLICATIONS

- [4] **W. Qin**, K. K. Boddy, and M. Kamionkowski. "Subluminal stochastic gravitational waves in pulsar-timing arrays and astrometry". July 2020. [arXiv:2007.11009](https://arxiv.org/abs/2007.11009) [gr-qc]
- [3] **W. Qin**, K. K. Boddy, M. Kamionkowski, and L. Dai. "Pulsar-timing arrays, astrometry, and gravitational waves". *Phys. Rev. D*, D99(6):063002, March 2019. [arXiv:1810.02369](https://arxiv.org/abs/1810.02369) [astro-ph.CO]
- [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. [arXiv:1808.01294](https://arxiv.org/abs/1808.01294) [astro-ph.SR]
- [1] 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. [arXiv:1804.01939](https://arxiv.org/abs/1804.01939) [hep-ex]

TALKS / SEMINARS

2019 · MIT Kavli Institute Graduate Lunch Seminar

COMMUNITY

- 2020 · Treasurer of the MIT Physics Graduate Student Council
 - Member of the MIT Physics Working Group
 - Organizer and founding member the CTP Anti-Racism Reading Club
- 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)

July 23, 2020