Reuben R. W. Wang, PhD Student

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Employment Positions

2019 – current	🔖	**Graduate Research Assistant,** JILA.
2016	🔖	**Undergraduate Research Assistant,** SUTD-MIT IDC.

Education

2019 – current	🔖	**Ph.D., JILA, University of Colorado Boulder** Physics.
		Grade: *Summa Cum Laude.*
		Research: *Nonequilibrium thermodynamics of ultracold dipolar gases.*
2017 – 2018	🔖	**U.G., Massachusetts Institute of Technology** Physics.
		Grade: *Summa Cum Laude.*
2015 – 2019	🔖	**B.Eng., Singapore University of Technology and Design** EPD.
		Grade: *Summa Cum Laude.*

Research Publications

Journal Articles

1. Li, J.-R., Tobias, W. G., Matsuda, K., Miller, C., Valtolina, G., De Marco, L., … Bohn, J. L. et al. (2021). Tuning of dipolar interactions and evaporative cooling in a three-dimensional molecular quantum gas. *Nature Physics*, *17*(10), 1144–1148. Retrieved from 🔗 https://doi.org/10.1038/s41567-021-01329-6

2. Wang, R. R. W., & Bohn, J. L. (2021). Anisotropic thermalization of dilute dipolar gases. *Phys. Rev. A, 103,* 063320. 🔗 doi:10.1103/PhysRevA.103.063320

3. Wang, R. R. W., Sykes, A. G., & Bohn, J. L. (2020). Linear response of a periodically driven thermal dipolar gas. *Phys. Rev. A, 102,* 033336. 🔗 doi:10.1103/PhysRevA.102.033336

4. Wang, R. R. W., Xing, B., Carlo, G. G., & Poletti, D. (2018). Period doubling in period-one steady states. *Phys. Rev. E, 97,* 020202. 🔗 doi:10.1103/PhysRevE.97.020202

Preprints

1. Patscheider, A., Chomaz, L., Natale, G., Petter, D., Mark, M. J., Baier, S., … Ferlaino, F. (2021). Accurate determination of the scattering length of erbium atoms. arXiv: 2112.11883 [cond-mat.quant-gas]. Retrieved from 🔗 https://arxiv.org/abs/2112.11883

Skills

Languages	🔖	Reading, writing and speaking competencies for English, Mandarin Chinese.
Software	🔖	MATLAB, Mathematica, Python, C++, LaTeX, SOLIDWORKS.
Experience	🔖	Academic research, LaTeX typesetting and publishing, mechanical design and fabrication.

Awards and Achievements

Scholarships

2019	▉	**Graduate Student Fellowship**, UCB.
2016	▉	**Global Leadership Scholarship**, SUTD-MIT.
2015	▉	**Undergraduate Merit Scholarship**, SUTD.

Awards

2015–2019	▉	**Honors List**, SUTD.

References

Available on Request