Wei Wang (汪巍)

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November 27, 2023

Education

Johns Hopkins University

- Ph.D. candidate, Physics **2023-present**
  - Thesis title: *TBD*.
  - Advisor: Brian A. Camley
  - Degree expected Summer 2025
- M.A., Physics **2020-2023**

Tongji University

- B.S., Physics **2016-2020**

Awards and Fellowships

Shanghai Outstanding Graduates **2020**
"Inheritance – Gratitude" Science and Innovation Youth Scholarship (TJU) **2019**

Appointments

Graduate Student Researcher, Johns Hopkins University **2020-present**
As Teaching Assistant (TA, 2020-2021) at Department of Physics & Astronomy, as Research Assistant (RA, 2021-present) with **Brian A. Camley**.

Teaching and Mentoring

Teaching Assistant, Johns Hopkins University **2020-2021**
Worked as TA at Department of Physics & Astronomy for courses:

- General Physics I and Subatomic World (Fall 2020)
- General Physics II and General Physics lab (Spring 2021)

Co-mentor, Johns Hopkins University ..... **Dec 2022-present**
Co-mentored undergraduate student Vishnu Srinivasan (JHU Physics) with Brian A. Camley.

Complete List of Research Publications

3. **W. Wang**, and B. A. Camley, *Limits on the accuracy of contact inhibition of locomotion*, arXiv preprint arXiv:2311.00085 (2023)
2. A. Kashyap, **W. Wang**, and B. A. Camley, *Tradeoffs in concentration sensing in dynamic environments*, arXiv preprint arXiv:2310.00062 (2023)
1. T. Liu, **W. Wang**, and J. Zhang, *Collective induced antidiffusion effect and general magnon Boltzmann transport theory*, Phys. Rev. B 99, 214407 (2019)

Talks and Posters

4. Talk: *Limits on the accuracy of contact inhibition of locomotion*, APS March Meeting (Minneapolis 2023)
3. Talk: *Cell Dissociations in Collective Invasion*, APS March Meeting (Las Vegas 2023)
2. Poster: *Cell Dissociations in Collective Invasion*, Gordon Research Conference on Stochastic Physics in Biology (Ventura, Jan 2023)
1. Poster: *The H field dependence of magnon diffusion length basing on Boltzmann transport methods*, APS March Meeting (Boston 2019)