

## Publications (Including Preprints)

*2022* - Chaos and pole-skipping in a simply spinning plasma  
arXiv:[2211.00016](#)

*c. 2021* - Convergence of hydrodynamics in rapidly spinning strongly coupled plasma  
arXiv:[2112.10781](#)

*2020* - Hydrodynamics of simply spinning black holes & hydrodynamics for spinning quantum fluids  
[10.1007/JHEP12\(2020\)112](#) - arXiv:[2007.04345](#)

*2020* - Resonating AdS soliton  
[10.1007/JHEP08\(2020\)136](#) - arXiv:[2006.12783](#)

*2019* - Dispersion relations in non-relativistic two-dimensional materials from quasinormal modes in H $\ddot{o}$ rava Gravity  
[10.1007/JHEP10\(2019\)087](#) - arXiv:[1905.11993](#)

## Education

**PhD in Theoretical Physics** 2016-2021, The University of Alabama - USA, Tuscaloosa

**BS in Engineering Physics** 2012-2016, The Colorado School of Mines - USA, Golden

## Appointments/Employments

**Technical Consultant** 2022-current  
QDC

**Technical Consultant** 2022-current  
quantumz.io

**Postdoc** 2022-current  
Henan University

**Contract Tutor** 2017-2021  
Appliedtutoring.com

**PhD Student** 2016-2021  
The University of Alabama

**Graduate Teaching Assistant** 2016-2021  
The University of Alabama

## Miscellaneous

### Given Talks

|   |                |
|---|----------------|
| <b>Research Seminar</b><br><i>Tokyo University</i>                            | February, 2020 |
| <b>Research Seminar</b><br><i>Ochanomizu University</i>                       | February, 2020 |
| <b>Research Seminar</b><br><i>Chuo University</i>                             | February, 2020 |
| <b>Research Seminar</b><br><i>Würzburg University</i>                         | July, 2019     |
| <b>Frankfurt Institute for Advanced Studies</b><br><i>Würzburg University</i> | July, 2019     |
| <b>3rd Karl Schwarzschild Conference</b><br><i>Würzburg University</i>        | July, 2017     |

### Awards

|   |      |
|---|------|
| <b>Outstanding Research by a Master's Student</b><br><i>The University of Alabama</i> | 2020 |
| <b>JASSO</b><br><i>Tohoku University</i>  | 2014 |
| <b>Private Scholoship</b><br><i>Pagosa Springs High School</i>                        | 2008 |

### Memberships

|  |             |
|--|-------------|
| <b>President</b><br><i>Physics and Astronomy Graduate Physics Association of<br/>the University of Alabama</i> | 2017 - 2021 |
| <b>Secretary</b><br><i>Japanese American Cultural Exchange Club of the<br/>University of Alabama</i>           | 2017 - 2020 |