

Publications

Oct 31. 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

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

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

Awards

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

Memberships

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