

NAVID KAZEMI SERESHT

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OBJECTIVE

I'm passionate and fascinated by everything about quantum entanglement. I have two main objectives, one is to try to find the reason behind this Spectacular Phenomena and two is using it in quantum computing and other quantum technologies. Interested in team working specially for the projects among quantum information.

EDUCATION

- Master of Science in Particle Physics** Sep 2019 - Present
Department of Physics, Tehran.
University of Tehran, GPA: 17.89/20.00(3.73/4)
- Bachelor of Science in Atomic and Molecule Physics** Sep 2015 - July 2019
Department of Physics, Tehran.
Kharazmi University , GPA: 16.53/20.00(3.45/4)

SKILLS AND INTERESTS

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| Interests | Quantum Complexity, Quantum Computing, Quantum Stimulation, Quantum Security |
| Computer Skills | Mathematica, Python, Nodejs, Origin, HTML, CSS, git |
| Sports | Greco-roman Wrestling, Basketball |
| Art | Classical Guitar |

PROJECTS

- Quantum Information Exchange And Quantum Complexity
By Holographic Principle** Feb 2021 - Present
Master Thesis, University of Tehran
- Studying Quantum Information Exchange growth in d-dimensional CFT at finite temperature, Which is dual to Ads black hole by Ads/CFT, in ground state and excited state and check the results by quantum complexity. .
- Holographic Chiral Magnetic effect and Non- Equilibrium
Critical Phenomena** July 2019 - Sep 2021
Paper
- We found phase transition in a system with chiral magnetic effect via AdS/CFT correspondence.We explore the non-equilibrium critical behaviour of chiral magnetic effect from holographic probe branes. This project is still continuing with collaboration with Dr.Vahedi and Mobin Shakeri.
- Ultraviolet–visible spectroscopy** Sep2018 - Nov2018
Class project, University of Kharazmi
- I studied and reviewed different aspects of Ultraviolet–visible spectroscopy and its application in various fields. My supervisor was Dr.Salmani.
- Collision stimulation** Nov2018 - Dec2018
Class project, University of Kharazmi
- Me and two of my classmates, launch a collision stimulation of two particles
 - by using python in our applied computational physics class.

HONORS AND REWARDS

85 rank in nationwide M.Sc. entrance exam	July 2019
In Top 3 Particle Physics students in university of Tehran	Sep 2021
In Top 7 Atomic Physics students in Kharazmi University	July 2015
Full Scholarship for M.Sc. in Particle Physics at University of Tehran	July 2019
Silver Medal in Greco-Roman style wrestling in competition between universities of Teharn	Feb 2018
Full Scholarship for B.Sc in Atomic and Molecule physics at kharazmi university	July 2015

LANGUAGES

English- TOEFL: 92

Persian- Native

WORKSHOPS AND SEMINARS

Quantum Information Theory and Holographic Principle Workshop, IPM	Feb 2021
Quantum Information Science Seminar, Sharif University of Technology	Sep-2018
qubit by qubit Quantum computation Workshop	Sep 2020

TEACHING EXPERIENCE

1- Statistical mechanics. University of Tehran - fall 2021

2- Physics 1. Kharazmi University - fall 2018

MASTER COURSES

Quantum Mechanics 1 (17.5/20) ——— Quantum Mechanics 2 (18/20)

Statistical Mechanics (19.75/20) ——— Quantum Field Theory 1 (17.62/20)

Quantum Field Theory 2 (20/20) ——— Advance Classical Mechanics(19/20)

REFERENCES

1- Dr.Vahedi - Email = vahedi@khu.ac.ir

2- Dr.Ebrahim - Email = hebrahim@ut.ac.ir

2- Dr.Sajadi - Email = mohsenisad@ut.ac.ir