

Robert Grinshtein

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 R. Grinshtein

 @robikgrin
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Employment History

- 2022  **Teacher assistant.** Krasnoyarsk Summer School: the circuits of constant current.
- 2024 – ...  **Senior teacher.** Krasnoyarsk Summer School: computational physics, theoretical mechanics, mathematical analysis for beginner physicists.
-  **Laboratory scientist.** Quantum Technologies Center of M.V. Lomonosov, Lomonosov Moscow State University. Quantum Optical Technologies (QOT) lab.

Education

- 2021 – ...  **5rd year undergraduate student, Lomonosov Moscow State University**
Faculty of Fundamental and Applied Physics, Quantum Electronics Department
(Unitary design, linear optical quantum computing, quantum machine learning, quantum optics)

Research Publications

Conference Proceedings

- 1  R. Grinshtein and M. Saygin, "The spatial modes dynamics in curved multimode integral optical waveguides," in *Proceedings of the 7th International School on Quantum Technologies (QTS'24)*, Miass, Russia, 2024, pp. 74–75.

Skills

- Nationality  Israeli, Russian
- Languages  Strong reading, writing and speaking skills in English and Russian; beginner skills in Hebrew
- Coding  Python, Qiskit, C++, L^AT_EX, Git
- Software  ANSYS Lumerical
- Hobbies  Rock climbing, skiing, photography, judo, chess, reading

Miscellaneous Experience

Awards and Achievements

- 2021  **Silver place**, State Physics Olympiad
-  **Bronze place**, State Mathematics Olympiad
- 2022  **Silver place**, Physical Faculty Mathematical Analysis Olympiad

Miscellaneous Experience (continued)

- 2024  **Bronze place**, Quantum Hackathon at QTS'24
-  **Scholarship** for students of the Faculty of Physics in the 4th to 6th year who specialize in theoretical physics, Theoretical Physics and Mathematics Advancement Foundation "BASIS"
- 2025  **Silver place**, 3rd All-Russian Quantum Hackathon "QUANT-NN" 2025

References

Ivan Dyakonov

Senior Researcher

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Prof Mikhail Zamkov

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