

# Robert Grinshtein

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in 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++,  $\LaTeX$ , 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)

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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

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### Ivan Dyakonov

Senior Researcher

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### Prof Mikhail Zamkov

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