



Artem Shalev

Born on January 9th, 1998
Tomsk – Russian Federation
Currently living in St.Petersburg

✉ ashalev@mail.ru

☎ +7(923)-408-38-65

Scientific interests

- Programming
- Numerical methods
- Electromagnetic simulations
- RFID

Education

2020 – 2022. **Masters in**

Technical Physics (not finished)

ITMO University
St.Petersburg – Russian Federation

2016 – 2020. **Bachelor in**

Electronics and Nanoelectronics

Thesis title: Study of temperature stability of Schottky barrier contacts.
Tomsk State University of Control Systems and Radioelectronics
Tomsk – Russian Federation

Current situation

Since July 2021 **Undergraduate student**

School of Physics and Engineering, ITMO University
Carrying out numerical simulations in two dimensional periodic structures, modifying an open-source project
<https://github.com/wave-scattering/amos-try> and creating scripts for calculated data processing.

Experience

June 2019 – June 2020 **Trainee laboratory assistant**

Scientific Research Institute of Semiconductor Devices, Tomsk, Russian Federation.
Carrying out measurements and calculations on Schottky barrier contacts.

Conference proceedings

A.Shalev and O. Minin. Study of temperature stability of Schottky barrier contacts. Materials of the international scientific-practical conference of students, graduate students and young scientists "Scientific session of TUSUR - 2020"

A.Shalev, Y.Zhidik, A.Kharkavii, and E.Zhidik. Effect of oxygen partial pressure on electrical properties of ITO films received by magnetron sputtering. International scientific and practical conference "Electronic means and control systems, 2019."

Additional activities

2021 Participating in an engineering forum based on Ural Federal University

Numerical tools

Python ● ● ● ○
Matlab ● ● ● ○
CST Microwave Studio ● ● ● ○

Languages

English ● ● ● ○

Last updated: January, 2022.