

Sergey Platonov

Address: Schloßstr. 33, 10459, Berlin
Phone: (+49)-176-8333-26-53
Email: platonov.serge@gmail.com
LinkedIn: [serge-platonov-06711a136](https://www.linkedin.com/in/serge-platonov-06711a136)
Facebook: [siarhei.platonau](https://www.facebook.com/siarhei.platonau)



I am a **project manager** with experience in solving **engineering problems** and the **data analysis** tasks. My academic training, the ability of **strategic planning** and strong **information and time management** prepare me to be an effective part of the company team.

Work Experience

PhD Researcher—Project Manager, Pail-Drude-Institut, Berlin, 2015 – 2017

- Organizing the relocation of the physics lab consisting of more than 1000 units from Munich to Berlin and installing it on the new location.
- Technical management for choosing and ordering the new EBL system with budget of 1 million €
- Handling the measurement data (2D arrays of $\propto 3000$ elements) including visualisation, data organizing and fitting.
- Statistical analysis of the data: FFT, wavelet transform, fractal dimension analysis.
- Preparation and publishing 3 scientific papers and more than 5 conference applications and reports.
- Improving and automatisating the measurement software and implementing new devices into the measurement framework of more than 100 devices.

PhD Researcher—Project Manager, Ludwig-Maximilians-Universität, Munich, 2012 – 2015

- Supervising the work of 2 master and one bachelor student.
- Budget management of around 30000 €, ordering of supplies and expensive measurement devices.
- Engineering semiconductor samples with characteristic sizes of 100 nm in the clean room by optical lithography and electron-beam lithography.
- Designing the circuit boards including RF filtering and attenuation in the limited cryogenic conditions (sizes $< 5 \times 5 \times 5$ cm).
- Electrical characterization of the samples by radio-frequency below 20 GHz and DC methods with sensitivity below 1pA at cryogenic temperatures.
- Teaching assistance at the lab-course “Thermoelectrics” for 5th-6th semester master students and exercises for the lecture “Advanced Solid State Physics” by Prof. Alex Högele.

Project Engineer, Institute of Radioelectronics and Engineering, Moscow, 2009 – 2012

- Budget management of 1 million rubles, ordering of supplies and measurement devices.
- Developing the simulation software for wave propagation in multilayered magnetic/acoustic structures.
- Participation in 11 conferences and collaboration in the international project of OOMMF simulation.
- Section secretary of 3 MIPT scientific conferences.

Education

2012-2017	Dr. rer. nat.	Ludwig-Maximilians-Universität	Cum Laude 1.6
2010-2012	M.Sc. with Honours	Moscow Institute of Physics and Technology	GPA = 4.87 out of 5
2006-2010	B.Sc. with Honours	Moscow Institute of Physics and Technology	GPA = 4.92 out of 5

Languages

- Belarussian, Russian — native language
- English — full working proficiency (C1)
- German — full working proficiency (C1)

Software

Programming languages	Labview C/C++ Python SQL	Expert Good Expert Basic
Data analysis	Matlab Maple Mathcad Mathematica SPSS	Expert Good Expert Good Basic
Python libraries	Matplotlib Scipy Numpy Scikit Pandas	Expert Expert Expert Good Good
CAD	Solidworks AutoCad Eagle P-Cad	Expert Basic Expert Good
Text organizing tools	Latex MS Office	Expert Expert

Academic Achievements

- Fellowship of Foundation of non-commercial Programs “Dynasty” for students, 2011-2012
- Winner of the research works contest on 54th MIPT scientific conference, 2011
- Candidate to Belarus team on International Physics Olimpiad (IPho) in Singapore, 2006

Hobbies/Interests

Intellectual quizzes, hiking, badminton, board games, data challenges on kaggle.com.