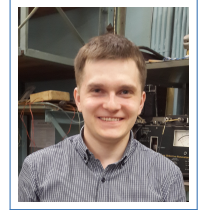


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Education

- 2012–2014 **Master of Engineering and Technology** (honors diploma),
*St. Petersburg State Politechnical University,
Institute of Physics, Nanotechnology and Telecommunications,
Division of Electronics and Telecommunications,
Department of Semiconductors Physics & Nanoelectronics.*
Subject: "Experimental investigation and analysis of the Nernst coefficient in calcium-doped Y-based HTSC"
Supervisor: Prof. V.E. Gasumyants
- 2008–2012 **Bachelor of Engineering and Technology** (honors diploma),
*St. Petersburg State Politechnical University,
Radiophysical Faculty,
Department of Semiconductors Physics & Nanoelectronics.*
Subject: "The Nernst coefficient in Y-based high-temperature superconductors in the normal state"
Supervisor: Prof. V.E. Gasumyants

Awards

- 2008 MIPT Olympics "Fizteh – 2008" (Diploma of Third Degree, Physics)

Fields of scientific interests

Solid-state Physics, Low-temperature Physics, High-temperature Superconductors, Electronics, Mathematical Physics, Programming, Digital Signal Processing, Speech Technologies, Experimental Data Processing

Computer skills

- Programming C/C#
Software MATLAB, Maple, Origin, \LaTeX

Publications

1. The Nernst coefficient in $Y_{1-2x}Ca_xPr_xBa_2Cu_3O_y$ system in normal state. Proceedings of all-russian young scientific school "How to turn a scientific idea into an effective grant application", 11 – 13 July 2012, Saint Petersburg.
2. The Thermopower and Nernst coefficients analysis in $Y_{1-2x}Ca_xPr_xBa_2Cu_3O_y$ system. Proceedings of the VI all-russian forum of students, graduate students and young scientists "Science and Innovation at the technical universities", 9 – 12 October 2012, Saint Petersburg.
3. The Thermopower and Nernst coefficients analysis in $Y_{1-2x}Ca_xPr_xBa_2Cu_3O_y$ system. Proceedings of the IV International Conference for Young Scientists "Low Temperature Physics (ICYS - LTP - 2013)", 3 – 7 June 2013, Kharkiv.