

CURRICULUM VITAE

Complete: September 21th, 2016

Name: PHILIPP GRIGORYEV

Present part-time position: Engineer-researcher

Department: I.N. Uraltsev Spin Optics Laboratory (SOLAB),
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Date of birth: October 29, 1990

Education and academic degrees:

(2013): MS in Physics, St. Petersburg State University, St.-Petersburg, Russia. Thesis title: "The magnetic field effect on excited exciton states in a wide quantum well"

Supervisor: Dr. I.V. Ignatiev

Career:

2013 – 2016: Engineer-researcher at department of Physics, St.-Petersburg State University

2011 – 2013: Engineer-researcher at SOLAB, St.-Petersburg State University

2009 – 2011: Engineer-researcher at department of Physics, St.-Petersburg State University

Research Interest: Semiconductor nanostructures. Optical spectroscopy. Exciton polaritons. Spin-related phenomena.

Publications:

1. P. S. Grigoryev, O. A. Yugov, S. A. Eliseev Yu. P. Efimov, V. A. Lovtcius, V. V. Petrov and I. V. Ignatiev, *Inversion of Zeeman splitting of exciton states in InGaAs quantum wells*, Phys. Rev. B **93**, 205425, (2016)
2. P. S. Grigoryev, A. S. Kurdyubov, M. S. Kuznetsova, Yu. P. Efimov, S. A. Eliseev, V. V. Petrov, V. A. Lovtcius, P. Yu. Shapochkin, I. V. Ignatiev, *Excitons in asymmetric quantum wells*, Superlattices and Microstructures **97**, 452, (2016)
3. E.S. Khramtsov, P.S. Grigoryev, I.V. Ignatiev, S.Yu. Verbin, P.A. Belov, S.A. Eliseev, Yu.P. Efimov, V.A. Lovtcius, V.V. Petrov, and S.L. Yakovlev, *Radiative decay rate of excitons in square quantum wells: microscopic modeling and experiment*, J. Appl. Phys. **119**, 184301 (2016)
4. D.K. Loginov, P.S. Grigoryev, Yu.P. Efimov, S.A. Eliseev, V.A. Lovtcius, V.V. Petrov, E.V. Ubyivovk and I.V. Ignatiev, *Reduction of exciton mass by uniaxial stress in GaAs/AlGaAs quantum wells*, Phys. Status Solidi B, (2016)
5. E.S. Khramtsov, P.A. Belov, P.S. Grigoryev, I.V. Ignatiev, S.Yu. Verbin, S.L. Yakovlev, *Theoretical modeling of exciton-light coupling in quantum wells*, Journal of Physics: Conference Series **690**, 012018 (2016)