**Dr. Mikhail Glazov**

**leading researcher, Professor of Russian Academy of Science**

**Affiliation:**

**Ioffe Institute**, Polytechnicheskaya 26, 194021 St.Petersburg, Russia, and

**Spin Optics Laboratory, St.-Petersburg State University**, 1 Ul’anovskaya, Peterhof, St. Petersburg 198504, Russia

**e-mail:** glazov@coherent.ioffe.ru

**Personal details:** Born June 8, 1982 in Leningrad, USSR

**Education:** Graduated from St.-Petersburg State Polytechnical University, 2005

**Master of Physics thesis (with honor):**

”Effect of electron-electron interaction on spin relaxation in semiconductors”

**PhD thesis (2008):** ”Spin dynamics of electrons and excitons in quantum wells and quantum dots”

**Habilitation (Dr. Sci.) thesis (2012):** ”Spin and kinetic phenomena in nanostructures and graphene”

**Research interests:** Semiconductor theory, two-dimensional materials,

spin effects, light-matter coupling effects

**Research activity:** over 110 publications, over 2000 citations, h-index is 25

**Languages:** Russian – native, English – fluent, French – basic

**Teaching:** 2005 – 2009, practical training of undergraduate students on Calculus in St. Petersburg State Polytechnical University

since 2010 courses “Spin phenomena in semiconductors”, “Physics of low dimensional structures” (professor since 2013) at the Academic University, St. Petersburg

**Management/administrative tasks:** since 2005, Referee for the international journals Nature, Science, Physical Review, Physical Review Letters, etc., and several Russian journals in Condensed Matter Physics

Member of program committee of the Russian Conference on Semiconductor Physics (since 2015)

AWARDS

Dynasty Foundation Scholarship for undergraduate students (2003 – 2005)

A. F. Ioffe Institute Young Scientist Award (2003)

A. F. Ioffe Institute Prize in 2004 (together with E.L. Ivchenko), in 2005 (together with V.I. Perel’, S.A. Tarasenko, and I.N. Yassievich), in 2008 (together with L.E. Golub), in 2010 (together with E.L. Ivchenko, D.R. Yakovlev, and M. Bayer), in 2011 (together with T.V. Shubina and A.A. Toropov), in 2014 (together with S.A. Tarasenko and E.L. Ivchenko)

Dynasty Foundation Scholarship for PhD students (2006 – 2008)

Medal “For devotion to science” #252 (2007)

The best talk on VIII Russian Conference on Semiconductor Physics (2007)

Dynasty Foundation Scholarship for PostDocs (2009 – 2011)

President Grant for Young Scientists (2009, 2015)

Young Scientist Award by Foundation for Support of Education and Research (2012)

Medal of Russian Academy of Sciences and Prize for Young Researchers (2014)

Dynasty Foundation Scholarship for Young Professors (2015)

Euler prize by St.-Petersburg Government and St.-Petersburg scientific center of RAS (2015)

Professor of the Russian Academy of Science (2016)

SELECTED PUBLICATIONS

1. M.M. Glazov and E.L. Ivchenko, Precession Spin Relaxation Mechanism Caused by Frequent Electron-Electron Collisions. JETP Lett. **75**, 403 (2002).
2. C. Leyder, M. Romanelli, J. Ph. Karr, E. Giacobino, T. C. H. Liew, M. M. Glazov, A. V. Kavokin, G. Malpuech, and A. Bramati, Observation of the optical spin Hall effect, Nat. Phys. **3**, 628 (2007).
3. M.M. Glazov, Coherent spin dynamics of electrons and excitons in nanostructures (a review), Physics of the Solid State **54**, 1 (2012).
4. E. A. Chekhovich, M. M. Glazov, A. B. Krysa, M. Hopkinson, P. Senellart, A. Lemaître, M. S. Skolnick, and A. I. Tartakovskii, Element-sensitive measurement of the hole-nuclear spin interaction in quantum dots, Nat. Phys. **9**, 74 (2013).
5. M.M. Glazov, S.D. Ganichev, High frequency electric field induced nonlinear effects in graphene, Physics Reports **535**, 101-138 (2014).
6. M. M. Glazov, T. Amand, X. Marie, D. Lagarde, L. Bouet, and B. Urbaszek, Exciton fine structure and spin decoherence in monolayers of transition metal dichalcogenides Phys. Rev. B **89**, 201302(R) (2014).
7. F. Berski, J. Hübner, M. Oestreich, A. Ludwig, A. D. Wieck, and M. Glazov, Interplay of Electron and Nuclear Spin Noise in n-Type GaAs, Phys. Rev. Lett. 115, 176601 (2015).