

Name Venaimin
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Date of birth 5 March 1988
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Work experience:

Education:

2010 –	PHD student	Moscow State University, Faculty of Mathematics and Mechanics, Chair of Differential Geometry and Applications, supervisor Prof. V.L.Golo
2005-2010	MSc	Moscow State M.V. Lomonosov University, Faculty of Mathematics and Mechanics, Chair of Differential Geometry and Applications, diploma with excellence (GPA 4.7, max 5.0), Master Thesis “Study of topological resonance-provoked effects of the DNA”. A member of the faculty athletics team.
2007-2010		Russian-German Institute of Science and Culture at MSU
1995-2005		Lyceum No. 3 with profound study of mathematics and physics. School-leaving certificate with excellence (GPA 5.0, max 5.0). Was a candidate in the national team on mathematics.

Research interests:

- Soft matter physics.
- Hypersound interaction with a living cell.
- Modes and resonances in the DNA.
- Liquid crystalline phases of the DNA.
- Computational methods in physics.
- Nanoscale hydrodynamics.

Selected publications:

1. V.N.Blinov, V.L.Golo “Acoustic spectroscopy of DNA in the gigahertz range”, *Phys.Rev.E*, Vol. 83, Issue 2 (2011).
2. V.N.Blinov, V.L.Golo, A.A.Kireeva, K.V.Shaitan “Modelling of the DNA liquid crystalline phases”, *Nanostructures. Mathematical Physics and Modelling* Vol. 2, Issue 2 (2010) [in russian].
3. V.N.Blinov, V.L.Golo, “Hyper-sound as a means for generating inter-strand defects in a duplex of the DNA”, [contact.arXiv:0908.1852](https://arxiv.org/abs/0908.1852) (2009).