CURRICULUM VITAE

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PRESENT APPOINTMENT

1/09/2007	**Lecturer in Mathematics**, Department of Mathematics, University of Bristol

PREVIOUS APPOINTMENTS

09/2005–09/2007	**Warwick Zeeman Lecturer**, Mathematics Institute, University of Warwick
09/2003–09/2005	**Postdoctoral Associate**, Department of Mathematical Sciences, Carnegie Mellon University

ACADEMIC QUALIFICATIONS

08/2003	**Ph.D. in Mathematics** Courant Institute of Mathematical Sciences, New York University **Advisor:** Professor Robert V. Kohn **Thesis Title:** Topics in micromagnetics
08/1999	**M.S. in Applied Mathematics** New Jersey Institute of Technology, Department of Mathematical Sciences
08/1996	**Diploma in Mathematics, with Honors** National Technical University of Ukraine, Department of Applied Mathematics

AWARDS AND GRANTS

04/2011 - 04/2013	EPSRC First Time Grant, EP/I028714/1.
12/2009 - 6/2010	Royal Society international Travel Grant, TG092308.
11/2008– 11/2010	Leverhulme Trust, Math RJ5128.
05/2006– 05/2009	Nuffield Foundation Grant, NAL32562.
2004	Kurt O. Friedrichs Prize, Courant Institute
2002–2003	Dean's Dissertation Fellowship, New York University
1996–1997	Research Award of ISS Educational Program, Ukraine
1995–1996	Student Award of ISS Educational Program, Ukraine

RESEARCH INTERESTS

• Nonlinear partial differential equations, nonconvex variational problems, singularly perturbed variational problems, Γ- convergence
• Materials science: micromagnetics, domain formation and wall profiles due to energy; singularities in liquid crystals

Publications

1. A. Goussev, J.M. Robbins, V.V. Slastikov, *Stability of precessing domain walls in ferromagnetic nanowires*, Phys. Rev. B, 2011, 84, 104445
2. Morini M., Slastikov V.V., *Geometrically constrained walls in two dimensions*, Arch. Rat. Mech. Anal., in press
3. Slastikov V.V., Sonnenberg C., *Reduced energy for ferromagnetic wires*, IMA J. Appl. Math., in press
4. Slastikov V.V., *A note on configurational anisotropy*, Proc. Roy. Soc. London Ser. A, 2010, 466, 3167– 3179
5. Goussev A., Robbins J.M., Slastikov V.V., *Domain wall motion in ferromagnetic nanowires driven by arbitrary time-dependent fields: an exact result*, Phys. Rev. Lett., 2010, 104, 147202
6. Fatkullin I., Slastikov V.V., *Vortices in two-dimensional nematics*, Comm. Math. Sci., 2009, 7, N4, 917– 938
7. Fatkullin I., Slastikov V.V., *On spatial variations of nematic ordering*, Physica D, (2008), 237, 2577-2586
8. Fonseca I., Morini M., Slastikov V.V., *Surfactant in foam stability: a phase-field model*, Arch. Ration. Mech. Anal., (2007), 183, N3, 411–456
9. Kohn R.V., Slastikov V.V., *Geometrically constrained walls*, Calc. Var. PDE., (2007), 28, N1, 33–57
10. Fatkullin I., Slastikov V.V., *Critical points of the Onsager functional on a sphere*, Nonlinearity, (2005), 18, 2565-2580
11. Fatkullin I., Slastikov V.V., *A note on the Onsager model of Nematic phase transitions*, Comm. Math. Sci., (2005), 3, N1, 21-26
12. Slastikov V.V., *Micromagnetics of thin "shells"*, Math. Models Methods Appl. Sci., (2005), 15, N10, 1469-1487
13. Kohn R.V., Slastikov V.V., *Another thin-film limit of micromagnetics*, Arch. Rat. Mech. Anal., (2005), **178**, N2, 227-245
14. Kohn R.V., Slastikov V.V., *Effective dynamics for ferromagnetic thin films - a rigorous justification* , Proc. R. Soc. Lond. A (2005) **460**, 1-12
15. Andrushkiw R.I., Slastikov V.V., *A variational method for eigenvalue problems nonlinearly dependent on the spectral parameter* , Nonlinear Anal. **47** (2001), no. 5, 3561–3566
16. Melnik V.S., Slastikov V.V, Vasylkevych S.I., *On global attractors of multivalued semiprocesses*, (Russian) Proc. Nation. Acad. Sci. Ukraine (1999), no. 7, 12–18
17. Melnik V.S., Slastikov V.V, Vasylkevych S.I., *On global attractors of non-autonomous infinite dimensional dynamical systems without uniqueness of solutions*, (Russian) J. Automat. Inform. Sci., (1999), N4, 15-27
18. Slastikov V.V, Vasylkevych S.I., *On compactness of solution set of Navier-Stokes equation*, (Russian) Proc. Nation. Acad. Sci. Ukraine (1997), no. 8, 17–20
19. Slastikov V.V, Vasylkevych S.I., *On necessary conditions for the optimality of controls for multidimensional equations of hydrodynamics*, (Russian) J. Automat. Inform. Sci., (1997), N1, 130-137