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EDUCATION:

Ph.D. in Mathematics, University of Nizhny Novgorod, 1991 (thesis advisor: V. Belykh)

B.S. in Physics and Mathematics, University of Nizhny Novgorod, 1984

PROFESSIONAL EXPERIENCE:

2000–present	Assistant Professor, Dept. of Mathematics and Statistics, GSU
1999–2000	Visiting Assistant Professor, Cornell University
1998–1999	Research Scientist, UC Berkeley
1998–1998$\frac{1}{2}$	Visiting Assistant Professor, Georgia Tech
1996–1998	Research Scientist, UC Berkeley
1993–1998	Senior Research Scientist, Inst. for Applied Mathematics, N.Novgorod, Russia

ACADEMIC HONORS:

The Royal Society Post-doctorate Fellowship, UK 1994

GRADUATE AND POSTDOCTORAL ADVISING (in past 5 years):

None

CURRENT RESEARCH SUPPORT:

INTAS "Numerical Methods for Local and Global Bifurcations"

OTHER COLLABORATORS (in past 48 months):

L. Shilnikov, D. Turaev, L. Chua, N. Rulkov, Y. Kuznetsov, C. Niclis, G. Nicolis, N. Gavrilov, V. Pisarevsky

SELECTED PUBLICATIONS:

1. "Bifurcations of the Lorenz-like Attractors in the Marioka-Shimizu System", *Physica* **D62**, 338 (1993)

2. "Normal Forms and Lorenz Attractors", (with L. Shilnikov and D. Turaev) *Bifurcations and Chaos* **3**(5), 1123 (1993)

3. "On the Boundaries of the Region of Existence of the Lorenz Attractor", *Selecta Mathematics Sovietica* **11**(4), 375 (1992)

4. "Homoclinic Phenomena in Three-level Laser Models", *Computers Math. Applications* **34**(2-4), 245 (1997)

5. "Asymptotic Normal Forms for Equilibria with a Triplet of Zero Characteristic Exponents in Systems with Symmetry", *Chaotic and Regular Dynamics* **4**, 123 (1998)

6. "Bifurcation and Predictability Analysis in a Low-order Atmospheric Circulation Model" (with C. Nicolis and G. Nicolis), *Bifurcations and Chaos* **5**(6), 1701 (1995)

7. "An Example of a Blue Sky Catastrophe" (with N. Gavrilov), *Amer. Math. Soc, Transl.* **2**, 200 (2000)

8. "Methods of Qualitative Theory in Nonlinear Dynamics, Parts I and II" (with L. Shilnikov, D. Tuarev, and L. Chua), *World Scientific Publisher*, (1998 and 2001)