CURRICULUM VITAE

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1 Personal Data

Date and Place of Birth: June 26, 1963; Moscow, USSR
Current Status: Russian Citizen

2 Research Interests

2.1 Fields of Research

Magnetism, Electronic Theory of Metals, $2^1/_2$Type Phase Transitions, Superconductivity, Physical Acoustics.

2.2 Present Activity

Long–Periodic Magnetic Structures in Rare–Earth Metals: its relation to the crystalline lattice properties.

3 Education

1986–1991: **Moscow State University**, Moscow, Russia
Physical Faculty, Low Temperature Department.
Ph.D. in Low Temperature Physics, 1991.
Thesis: "Electromagnetic Excitation of Ultrasound in Rare-Earth Magnetics".
Was a Teaching Assistant.

1980–1986: **Moscow State University**, Moscow, Russia
Physical Faculty, Low Temperature Department.
BS, MS in **Low Temperature Physics**

4 Experience

4.1 Full–time affiliations

1986–present: **Moscow State University**, Moscow, Russia
Physical Faculty, Low Temperature Department.
Associate Professor (1996–present)
Researcher (1989–1996)
Teaching Assistant (1986–1989)

4.2 Short term affiliations

06/93–01/94: **Visiting Researcher** (postoctoral level), **Centre des Tres Basses Temperatures (Center of Extra Low Temperatures), CNRS, Grenoble, France** (funded by the French National Fellowship).
The goal of my work in Grenoble with Professor J.Flouquet was to investigate heavy fermion systems (particularly UPt_3) at extra low temperatures.

4.3 Teaching

1997–present: **Advanced Magnetism**, Moscow State University, Physical Faculty, Low Temperature Department.

1997–present: **Introduction to Magnetism**, Moscow State University, Physical Faculty, Low

Temperature Department.

1989–1996: **Low Temperature Labs**, Moscow State University, Physical Faculty, Low Temperature Department.

5 Selected recent publications (1987-1997)

5.1 Refereed Journal Articles

A.Vl.Andrianov, O.D.Chistiakov.
Evidence of pressure-induced antiferromagnetism in ferromagnetic $Ho_{40}Gd_{60}$.
Physical Review B, 55, N21, 14107 (1997).

A.V.Andrianov.
Helical magnetic structures in heavy rare-earth metals as a probable manifestation of the elecrtonic topological transition.
Journal of Magnetism and Magnetic Materials 140–144, p.749 (1995)

A.V.Andrianov.
Unambiguous dependence of the period of the helicoidal magnetic structure in heavy magnetic rare-earth materials on the ratio c/a of the crystal lattice; possible association with an electron topological transition.
Sov. Phys. JETP Letters, 55, N11, 666 (1992).

A.V.Andrianov, Yu.P.Gaidukov, A.N.Vasil'ev.
The magnetic phase diagrams of dysprosium.
Journal of Magnetism and Magnetic Materials 97, p.246 (1991).

A.V.Andrianov, A.N.Vasil'ev, Yu.P.Gaidukov.
Low temperature magnetic phase diagrams of dysprosium and gadolinium.
Physica B. 169, p.469 (1991).

A.V.Andrianov, V.D.Buchel'nikov, A.N.Vasil'ev, Yu.P.Gaidukov, V.G.Shavrov.
Electromagnetic excitation of ultrasound in a dysprosium single crystal.
Sov. Phys. JETP 70, N5, 944 (1990).

A.V.Andrianov, V.D.Buchel'nikov, A.N.Vasil'ev, Yu.P.Gaidukov, R.S.Il'yasov and V.G.Shavrov.
Electromagnetic excitation of ultrasound in gadolinium.
Sov. Phys. JETP 67, N11, 2331 (1988).