

## Curriculum Vitae

**Pavel V. Kucheryavy**

E-mail: [pavelk@bgsu.edu](mailto:pavelk@bgsu.edu)

Phone: 1 419 372 9883

### Interests:

Chemistry and Photochemistry of coordination compounds. Synthesis of inorganic compounds. Chemistry of platinum metal complexes with polypyridyl ligands, nitrosyl complexes and optically active coordination compounds. Spectroscopy and electrochemistry of organic compounds.

### Education:

Starting from 21 Avg. 2006 PhD Student at, Bowling Green State University, (PhD in Photochemical Sciences)

2006 M.S. in Chemistry (Major in Inorganic Chemistry, Laboratory of Chemistry and Photochemistry of coordination compounds) St.-Petersburg State University.

2004 B.S. in Chemistry (Laboratory of Chemistry and Photochemistry of coordination compounds) St.-Petersburg State University.

### Science Experience

Electrochemistry of substituted naphthalimides, spectroscopy of organic compound. Proton-coupled electron transfer in organic and biological systems.

Electrophilic properties of coordinated nitrosyl in bisbipyridyl complexes of ruthenium(II). Influence of 4-substituted pyridines on properties of bisbipyridyl nitrosyl complexes ruthenium(II). Synthesis and properties of nitrosyl complexes of ruthenium(II).

### Work Experience:

July 2004 – May 2006 Laboratory Assistant at Inorganic Chemistry Department of St. Petersburg State University. Keeping in order laboratory equipment, supervising 1st year students.

### Other Experience:

2005, 2006 Member of jury at St.-Petersburg Chemistry School Contest

September 2005 – December 2005 Pedagogical practice: teaching assistant in General Chemistry at Geology department during one semester

### Publication:

Russian Journal of General Chemistry Vol. 74, No. 5, 2004 p. 651

### Grants:

2006 Competitive Center Fundamental Natural Sciences (Rus)

2005 Competitive Center Fundamental Natural Sciences (Rus)

### Other Skills:

Computer: Experienced user - Hardware, Windows (98/2000/XP/2003) and Office, Linux (Installation, working with applications), Quantum chemistry programs (GAMESS, Gaussian, HyperChem), basic knowledge in programming (Borland C++, Delphi; VB 6.0), web design (HTML, JavaScript, CSS).