

Curriculum Vitae (Short)

Dr. Serguei (Sergei) Magonov

Place of birth: Minsk Region, Republic of Belarus
Citizenship: Naturalized USA citizen since 2007.

Home address: 416 W. Secretariat Dr., Tempe, AZ 85284, USA

Education:

1975-1978	Graduate Studies, Moscow Institute of Physics & Technology, PhD in Physics & Mathematics (1978), Dolgoprudnii, Moscow Region, Russia.
1969-1975	Undergraduate Studies, Faculty of Molecular and Chemical Physics, Moscow Institute of Physics & Technology, MS in Physics 1975, Dolgoprudnii, Moscow Region, Russia
1959-1969	Elementary/High School #6, Molodechno, Republic of Belarus

Scientific Employment:

March 2011-present	President, NT-MDT Development Inc., Tempe AZ, USA
2007-2011	Senior Applications Scientist, Agilent Technologies, Chandler, AZ, USA
1995-2007	Principal Scientist/Senior Staff Scientist, Digital Instruments/Veeco Metrology Group, Santa Barbara, CA, USA
1990-1995	Head of STM/AFM Laboratory, Materials Research Center, Freiburg University, Freiburg, Germany
1988-1990	Guest-Dozent, Institute of Macromolecular Chemistry, Freiburg University, Freiburg, Germany
1978-1988	Researcher, Department of Polymers & Composites, Institute of Chemical Physics, Russian Academy of Sciences, Moscow, Russia

Temporary employment:

2007	Visiting Professor, University Carlos III, Madrid, Spain
1996	Visiting Professor, Venture Business Laboratory (Prof. K. Matsushige) Kyoto University, Japan
1995, 1993 1992	Visiting Scientist, Chemistry Department (Prof. M.-H. Whangbo), North Carolina State University, Raleigh, NC, USA
1986-1987	Visiting Scientist, Institute of Chemistry,

1984 (Prof. R. Qian) Academica Sinica, Beijing, China
Visiting Scientist, Tampere University of
Technology (Prof. P. Toermala), Tampere, Finland

Consulting: 2000 – 2006 Dow Chemical Company, Midland, MI
2003 – 2006 Boston Scientific Corporation, Natick, MA

Graduate Students – Sergei Sheiko (1987-1989) *, Georg Bar (1990-1992) **, Wolfgang Stocker (1990-1992) **, Hardy Bengel (1992-1995) **, Konrad Craemer (1992-1995) ** (*together with Prof. E. Oleinik (Moscow); **together with Prof. H.-J. Cantow (Freiburg)), Natalya Yerina (2005).

Grants:

EuroProject “STM/AFM of Layered Tellurides”, “Human Capital and Mobility” Network (1994-1996); ca. 100K DM.

Patents: 5

Scientific conferences and symposiums organized: 7

Invited lectures at scientific conferences: 65

Other lectures at the conferences: 50

Invited seminars: 235

Books: S. N. Magonov and M.-H. Whangbo, Surface Analysis with Scanning Tunneling Microscopy and Atomic Force Microscopy, VCH, Weinheim, 1996.

Reviews and Chapters: 15

Per-Reviewed Articles: 191