

Prof Dr Sc. Vladimir I. TOMIN
Curriculum Vitae

Personal:

- Date of Birth: August 12, 1945
- Marital Status: Married, wife Tatiana Pudova, two sons: Dmitry and Andrej

Office: Arciszewskiego str, 22b, Institute of Physics of the Pomeranian University in Słupsk, Poland, 76-200 tel. +48-59-8405339,

- E-mail: tomin@apsl.edu.pl

Education and Qualification Stages:

- *Professor of Physics*, 1993.
- *Dr. of Science (Dr habilitowany)*, 1985;
- *Ph. D in Physics*, 1973;
- *Mgr* in Physics, Byelorussian State University in Minsk, 1967.

Employment:

- Professor (since 2001), Dyrector (since 2008) Institute of Physics, Pomeranian University in Słupsk, Poland
- Professor, Physics Dept, Byelorussian State University, Minsk, 1990 - 2001
- Professor, Minsk's Teachers University, Physics Dept, 1988 – 1990
- Researcher, Senior researcher, Principal researcher and Head of Scientific Group, Institute of Physics, Academy of Sciences of Belarus, 1974 – 1995
- Visiting scientist, Laser and Plasma Physics Division of NRC of Canada, Ottawa, 1977 - 1978
- Post graduated student, Institute of Physics, Academy of Sciences of Belarus, 1967 - 1971.

Review articles and books:

- A.N. Rubinov, V.I.Tomin., *Dye Laser's and Applications*, in Radiotechnika, v.7, VINITI, Moscow, 1973
- A.N. Rubinov, N.A. Nemkovich, V.I. Tomin. *Inhomogeneous Broadening of Electronic Spectra of Dye Molecules in Solution*, in Fluorescence Spectroscopy, v. 2, Plenum P.C., N. York, 1990 .
- V.I. Tomin. Ch. **Physical principles behind spectroscopic response of organic fluorophors to intermolecular interactions** (pp.189-223). in: Springer series on Fluorescence, Methods and Applications. V.8. Advanced Fluorescence Reporters in Chemistry and Biology I. Fundamentals and Molecular design. Ed. A. Demchenko. Springer Heidelberg Dordrecht London New York 2010
- V. I. TOMIN. **Proton Transfer Reactions in the Excited Electronic States**. In: Hydrogen Bonding and Transfer in the Excited State.

Wiley@Sons. Ltd, New York, chapter 22, ed. Ke-Li-Han

Research Interests:

- Fundamental processes in organic molecules and solutions;
- Development of analytical model and quantum mechanical calculations of organic molecules with internal CT and ESIPT;
- Nanochemistry of organic materials for 2ph functional applications

Publications: Over 200 papers, reprints and inventions in the field of Quantum Electronics, Laser Spectroscopy and Optics.

Awards:

- Grant of DAAD (German Academic Exchange Service) 2007
- State Prize Winner of Republic Belarus in Science (1994) for the cycle “Microstructure of Solutions and Photophysics of Organic Solution”.
- Grant 607721 of European Union REA -FP7-PEOPLE-2013-ITN FP7-PEOPLE-2013-ITN Nanochemistry of molecular functional applications materials for 2ph functional applications (2013-2017)