

## Curriculum Vitae of prof. Piotr Bała

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<b>Personal data</b>	Born:	21 September 1964 in Gdansk, Poland
	Nationality:	Polish
<b>Education</b>	1983 – 1988	undergraduate study in physics N. Copernicus University, Torun, Poland
	1988	Master of Science diploma
	1993	PhD diploma
	2000	Habilitation (physics, molecular physics, computer physics)
<b>Positions</b>	1988 – 1993	Asystent (Assistant Scientist) at Institute of Physics, N. Copernicus University, Torun, Poland
	March 1991 – Oct 1991	Visiting Scientist, Institute of Molecular Design, University of Houston, Houston, TX USA (prof. J. A. McCammon)
	July 1992 – Oct 1992	Visiting Scientist, Institute of Molecular Design, University of Houston, Houston, TX USA (prof. J. A. McCammon)
	Nov 1992 – Sept. 2000	Research Fellow (Adiunkt) at Institute of Physics, N. Copernicus University, Torun, Poland
	July 1993 – Sept 1993	Visiting Scientist, Institute of Molecular Design, University of Houston, Houston, TX USA (prof. J. A. McCammon)
	Aug 1994 – Sept 1994	Visiting Scientist, Institute of Molecular Design, University of Houston, Houston, TX USA (prof. J. A. McCammon)
	Oct 1995 – Nov 2000	Research Fellow (Adiunkt) at Interdisciplinary Centre for Mathematical and Computational Modelling, Warsaw University (part time position)
	July 1996	Visiting Scientist, Department of Chemistry and Biochemistry University of California at San Diego, La Jolla, CA USA (prof. J. A. McCammon)
	July 1997	Visiting Scientist, University of Lille
	February 2000	Visiting Scientist, Department of Computer Science University of Chicago (prof. R. Scott, dr T. W. Clark)
	October 2000	– Research Fellow (Adiunkt) at Faculty of Mathematics and computer Science, N. Copernicus University, Torun, Poland
	December 2002	



Assistant	Advisor: prof. J. S. Kwiatkowski (Institute of Physics N. Copern. Univ., Poland) prof. B. Lesyng (Department of Biophysics Warsaw Univ., Poland)	Development and application of novel Mixed Quantum– Classical Molecular Dynamics to study of proton transfer in biological systems. Mod- elling of the enzymatic re- actions in the active site of Phospholipase A <sub>2</sub> . Investiga- tion of tunneling phenomena in different systems (proton bound complexes, superlattice structures etc.) solving time- dependent Schroedinger equa- tion using advanced numerical techniques.
Under-graduate student	Advisor: prof. S. Łęgowski (Institute of Physics, N. Copern. Univ., Poland)	Measurements of atomic constants using atomic spectroscopy methods, in par- ticular energy level crossing methods.

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<b>Teaching experience</b>	General physics, Solid State Physics, Computer Aided Design, Computer Networks, Parallel Computing, Grid Computing, Network Programming (Java)
<b>Publications</b>	Over 50 scientific papers in international journals, several invited talks at the international scientific conferences
<b>Conference Comities</b>	Cracow Grid Workshop (2001-present)  International Conference on Parallel Processing and Applied Informatics (2003-present) International Workshop on Biomedical Computations on the Grid Biogrid 2006
<b>Languages</b>	Polish English, Russian – fluent
<b>Professional Associations</b>	Polish Polish Information Processing Society
<b>Other</b>	Coordinator of Chemomentum EU project (IST 033437) 2006-2008 Technical coordinator of UniGrids (IST 004279) project at ICM (Warsaw University) 2004-2006 Technical coordinator of EUROGRID (IST 20247) project at ICM (Warsaw University) 2000-2002 Technical coordinator of GRIP (IST-2001-32257 ) project at ICM (Warsaw University) 2001-2002