

CURRICULUM VITAE**PERSONAL DATA**

Date & Place of birth 05.07.1962; Dushanbe, USSR
Marital status: married + 2
Office Address: School of Chemistry, Tel-Aviv University, Tel-Aviv
 69978, Israel; ph: 972-3-6409412
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Languages: Hebrew, Russian, English

EDUCATION

2/1991 - 2/1994 Tel-Aviv University, Tel-Aviv, Israel
Postdoctoral training in quantum & computational chemistry
Name of Supervisor: Prof. U. Kaldor
9/1979 - 8/1988 Leningrad State University, Leningrad, USSR
Ph. D. in theoretical & mathematical physics (1988)
Name of Supervisor: Prof. M. Adamov
B.S. & M.S. in theoretical & computational physics (1985)
Names of Supervisors: Prof. L. Labzowsky , Prof. M. Adamov

ACADEMIC AND PROFESSIONAL EXPERIENCE

12/2005 - Present School of Chemistry, Tel-Aviv University, Tel-Aviv, Israel
Principal Research Associate
4/1998 – 12/2005 School of Chemistry, Tel-Aviv University, Tel-Aviv, Israel
Senior Research Associate
3/1994 - 3/1998 School of Chemistry, Tel-Aviv University, Tel-Aviv, Israel
Senior Scientific Researcher
9/1989 - 8/1990 The Municipal Center for Scientific & Technical
 Activity of Young Scientists, Dushanbe, USSR
Manager of the Computational Laboratory
9/1988 - 8/1989 Leningrad State Pharmaceutical & simultaneously Leningrad
 State Ship Building Institutes, Leningrad, USSR
Senior Physicist and Assistant of Professor of Physics

SCIENTIFIC VISITS and SEMINARS:

Winter 1996 University of Bonn, Bonn, Germany
Summer 1997 University of Helsinki, Helsinki, Finland
Summer 1999 Free University of Amsterdam, Amsterdam, Netherlands
Summer 1998;1999 Simon Fraser University, Burnaby, BC, Canada
Summer 2000 University of Puerto-Rico, San-Juan, Puerto-Rico, USA
August 2001-7 University of South Denmark, Odense, Denmark
May 2002 University of Florida, Gainesville, USA
May 2003 Petersburg Nuclear Physics Institute, Petersburg, Russia
May 2004 Louis Pasteur University, Strasbourg, France
July 2005 GSI, Darmstadt, Germany
July 2007 FIAS, Frankfurt, Germany
August 2007 University of Calgary, Calgary, Canada

RESEARCH INTERESTS AND EXPERIENCE:

- New theoretical methods for treatment of relativistic, QED and correlation effects
- Benchmark ab-initio calculations of atomic and molecular properties

TEACHING EXPERIENCE:

1985 - 88 Leningrad State University, Lecture Course on Quantum Chemistry
1988 -89 Leningrad Pharmaceutical Institute, Course on General Physics
1988 - 89 Leningrad Shipbuilding Institute, Course on Modern Physics
1998 - 03 Tel-Aviv University, General Chemistry Laboratory
2004-Present Tel-Aviv University, Computational Chemistry Laboratory

FELLOWSHIPS, HONORS AND AWARDS:

1982-1985 The Lenin Fellowship for outstanding BS and MS students
1995 The Gishur Fellowship of the Israeli Ministry of Science
1996-1998 The Gileadi Fellowship of the Israeli Ministry of Absorption
2000 The Lize Meitner Prize for Computational Quantum Chemistry

PARTICIPATION IN INTERNATIONAL SCIENTIFIC MEETINGS:

1988 International Seminar for theory of atoms and atomic spectra, Tbilisi, Georgia.
1994 The 34 Sanibel Symposia, Ponte Vedra Beach, Florida, USA
1994 The International Meeting on Molecular Spectroscopy, Semolnice, Slovakia
1994 The 8 International congress of Quantum Chemistry, Prague, Czech Republic
1995 Workshop on Non-Perturbative Many-Body Methods, Bad Honnef, Germany
1995 Conference on relativistic effects in chemistry, Castelvecchio Pascoli, Italy
1996 WATOC-96, Jerusalem, Israel
1997 Research conference on superheavy elements, Granada, Spain
1997 The 9 International Congress of Quantum Chemistry, Atlanta, Georgia, USA
1997 The Electron Correlation Workshop, Cedar Key, Florida, USA
1998 The 12 Canadian Spectroscopic Conference, Vancouver, BC, Canada
1999 Conference on relativity and correlation, Acquafredda di Maratea, Italy
2000 The 10 International Congress of Quantum Chemistry, Nice, France
2000 Fourth Workshop on Quantum Systems, Marly-le-Roi, France
2001 Relativistic Effects in Chemistry and Physics, Kerkrade, The Netherlands
2001 Finish Symposium on Quantum Chemistry, Kuusamo, Finland
2002 Israel Theochem 2002, Hebrew University, Jerusalem, Israel
2003 Fock School on quantum and computational chemistry, Novgorod, Russia
2003 Workshop on electron correlation methods, Bad Herrenalb, Germany
2003 REHE conference, Berlin, Germany
2003 XI International congress of Quantum Chemistry, Bonn, Germany
2004 HAMEC meeting, Cambridge, England
2004 Malrieu conference on correlation effects, Lagrasse, France
2005 Nanoscience Workshop, Karlsruhe, Germany
2006 XII International congress of Quantum Chemistry, Kyoto, Japan
2006 Chemical accuracy and beyond, Satellite meeting of ICQC-XII, Tokyo, Japan
2006 ICCMSE symposium, Crete, Greece
2007 REHE, Obernai, France
2007 SAMQCP, Torun, Poland

PUBLICATIONS: 64 publications in academic periodicals and books