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Born: April 9, 1940; married, three children

Specialty:

Materials Engineering (Chemically, Shock & Radioactive Resistant Nonmetallic Materials. Special Coatings, Adhesives & Sealants. Corrosion Protection).

Education:

D.Sc. in Materials Engineering (All-Union Corrosion Research Institute, Moscow, 1990.
Thesis: Monolithic coverings based on reactionable oligomers).

Ph.D. in Materials Engineering (Moscow Civil Engineering Institute, 1971).

M.Sc. in Materials Engineering (All-Union Civil Engineering Institute, Moscow, 1964).

Professional Experience:

2012-... Director R&D of Hybrid Coating Technologies, Ltd., Daly City, CA - USA.

<http://www.hybridcoatingtech.com/company.html>

2008-... Director R&D of Nanotech Industries, Inc., Daly City, CA - USA.

<http://nanotechindustriesinc.com/>

2003-... Co-holder of the UNESCO chair "Green Chemistry", Tashkent, Uzbekistan.

1999-... Expert of scientific projects, European Commission, Brussels, Belgium.

1998-... Founding partner and Director R&D of Migdal HaEmek, Israel.

www.polymateld.com

1996-2002 Advisor Board Member & Technical Director of "Eurotech, Ltd", USA.

1993-1995 General Manager of "Polyadd, Ltd", Nazareth Illit, Israel.

1992-1993 Manager R&D of Israel Corrosion Research Institute, Ramat Ha'Sharon, Israel.

1989-1991 Director of Research Center of Austria-USSR Joint-Venture "Anticorr", Moscow, USSR.

1986-1991 Head of Department: "Problems of corrosion protection" of All-Union Corrosion Research Institute, Moscow, USSR.

1982-1990 First Deputy of Chairman. Nonmetallic Materials & Advanced Protection Section. Interbranch Council of State Plan Committee, Science & Technique Committee and Academy of Science, USSR.

1981-1986 Head of Nonmetallic Materials Department of Interbranch Scientific & Technical Complex "Anticorr", Moscow, USSR.

1972-1981 Senior Scientific Researcher of Central Research & Project Institute, Moscow, USSR.

1965-1971 Head of Research Group & SSR of All-Union R&P Institute, Ministry of Assembling & Special Building Works, Moscow, USSR.

Teaching and Editorial Experience:

2014-... Professor - consultant of Holon Institute of Technology, Holon, Israel.

2012-... Editor-in-Chief of the journal "Innovation in Corrosion and Materials Sciences", USA. <http://benthamscience.com/journal/index.php?journalID=icms>

2008-... Editor-in-Chief of the journal "Open Corrosion Journal", USA.

<http://benthamopen.com/tocorrj/openaccess2.htm>

1989-1990 Course: Nonmetallic Materials. Physic-Chemical Faculty of Moscow Institute of Steel and Allows, USSR.

1987-1990 Course: Advanced Technology for Corrosion & Radioactive Protection. All-Union Institute for Retraining of High Level Specialists, Moscow, USSR.

1981-1985 Course: Materials Engineering. Moscow Civil Engineering Institute, USSR.

1999-... Editor-in-Chief of the journal "Scientific Israel - Technological Advantages", Israel.

www.sita-journal.com

1990-1994 Editor-in-Chief of the Journal "Corrosion Protection and Durability of Equipment and Structures", Moscow, Russia (published in Russian).

1990-1991 Member of Board. All-Union Scientific & Technical Editorship "Chemistry", Moscow, USSR.

Public Activity:

2010. Member of Presidium of Russian Nanotechnological Society .

<http://www.nts.info/eng/>

2004. Member of European Academy of Sciences.

<http://www.eurasc.org/>

2003. Member of International Committee of Intellectual Cooperation;

2001. Foreign Member of Russian Engineering Academy;

<http://www.rae-info.ru/>

1999. President of Israeli Inventors Association;

1999. Member of American Association for the Advancement of Science;

1998. Member of Council of Managers R&D of Israel Chemistry Industry;

1995. Foreign Member of Russian Academy of A&B Sciences;

<http://innovation.gov.ru/node/11079>

1992. Member of NACE-International, USA.

Previous Public Activity:

1982-1990 First Deputy of Chairman. Nonmetallic Materials & Advanced Protection Section terbranch Council of State Plan Committee, Science & Technique Committee and Academy of Science, USSR.

Area of Scientific & Technical Activity:

- Nano materials & technologies.
- Advanced composite materials based on polymer & silicate binders.
- Testing of materials and structure under extreme conditions, including strength and creep of structural materials (metals & composites) in the three-dimensional stress state.
- Improving protective properties of nonmetallic materials.
- Novel technologies for corrosion and radioactive protection.
- Advanced coating for corrosion protection of metals and concretes.
- Adhesives for electronic industry, wet concrete and chemical equipment.

Area of Marketing Activity:

- Expert of technological & scientific projects.
- Marketing and patent searches of advanced technological projects.
- Managing of star-up technological companies.

Inventions:

516 inventions of USA, Canada, USSR, Russia, Japan and other countries, mainly in the areas of composite materials, corrosion and radioactive protection, advanced structures, including bionic ones and methods of reinforced and laminate materials production.

Gold and silver medal of International Exhibition IENA-98 (Nuremberg, 1998) for two novel inventions. Golden Angel Prize (IFIA, 2006)

Publications:

21 books published in Russian and English, more than 550 articles published in Russian, English, Chinese, Estonian and Germany.