

Date and place of birth: 28.10.1939, Kaunas, Lithuania

Immigrated to Israel: 19.9.1973

Marital status: married, 3 children

Academic Degrees

1962 M.Sc., Materials Science, Leningrad Polytechnical Institute — Yoffe's Physico-Technical Institute, Academy of Sciences of the USSR, Leningrad.

1970 Ph.D., Physics of Solid State, Solid State Physics Institute, Academy of Sciences of the USSR, Chernogolovka, Moscow district.

Teaching Experience***Undergraduate Courses*****At Technion**

"Structure and Properties of Engineering Materials"

"Introduction to Materials Engineering" (for Materials Eng., Mechanical, Eng. Faculties Electrical Eng., Civil Eng., Aeronautical Eng. and Industry and Management)

"Mechanical Metallurgy"

"Materials Selection"

"Materials Selection for Aerospace Application"

"Powder Metallurgy"

"Properties of Engineering Materials"

"Materials Laboratories (for 3rd year Mechanical Eng.)"

"Advanced Labs. - Materials Eng." - Annual projects in "Mechanical Properties of

"Materials" and "Materials Science: (for 4th year Mechanical Eng. - a total 14 projects

"Materials Selection - Advanced"

"Advanced Project in Materials Engineering" total of 18 projects

"Metal Alloys"

"Materials Processing"

"Mechanical Behavior of Materials"

At Drexel University - "Fundamentals of Ceramics"

- "Powder Metallurgy"

- "Composite Materials"

- "Fundamentals of Mechanical Behavior of Materials"

- "Thermodynamics of Metallurgical Processes"

Graduate Courses

At Technion - "Physics of Deformation of Crystalline Materials"

- "Ceramic Materials"

- "Mechanical Behavior of Materials"

- "Powder Metallurgy"

- "Electronic Materials"

At Drexel-University - "Introduction to Materials Science", II and III

Administrative Appointments**At Technion**

1980-1982 Member of the Committee of Certificates.

1985-1989 Director of Materials Engineering Research Center.

1995- 1998 Member of the Committee of Awards - Graduate School

Public Professional Activities (last 10 years)

- 2018 – present Member of International Advisory Board, “XV International Symposium on Self-Propagating High Temperature Synthesis”, SHS-2019, Moscow, September 2019
- 2016 - 2017 Member of International Advisory Board, “XIV International Symposium on Self-Propagating High Temperature Synthesis”, SHS-2017, Tbilisi, September 2017
- 2016 – present International Space Station - Member of Interdisciplinary Committee of the research field: “*Promising Materials with Multilevel Hierarchical Structures for Novel Technologies and Reliable Construction*”.
- 2016 – present Co-Chairman: International Conference “*Physics of cancer*”, Tomsk, May 2017
- 2013 – present Member of International Scientific Council, National Research Tomsk Polytechnic University, “MISIS”, Moscow
- 2013 – present Member of International Advisory Scientific Council, National University of Science and Technology
- 2013 – 2014 Member of International Scientific Committee of International Workshop “*Modeling and Development of Materials for Biomedical Applications*”, February 5-7, 2014, Madrid
- 2013 - 2014 Member of International Advisory Board of CB-9 “SHS Ceramics” of the *International Ceramics Congress CIMTEC 2014*, June 2014, Montecatini, Italy
- 2012 –2013 Member of International Scientific Committee of the International Conference on “*Computational Modeling of Nanostructured Materials*”, Frankfurt, September 2013
- 2012 – 2013 Member of International Scientific Committee of the International Workshop on Nanostructured Ti-based Alloys for Medical Applications Mechanical Properties and Biocompatibility
- 2010 – 2011 Member of International Advisory Committee of “*XI International Symposium on Self-Propagating High-Temperature Synthesis*” (SHS-2011), Greece, September 2011.
- 2010 – 2011 Member of International Organizing Board of the International Conference “*Non-isothermal Phenomena and Processes: from Thermal Explosion (SHS) Theory to Structural Macrokinetics*”, November 2011, Chernogolovka, Russia.
- 2008 2009 Member of International Advisory Committee of “*X International Symposium on Self-Propagating High-Temperature Synthesis*” (SHS-2009), Armenia, July 2009.
- 2008-2010 Member of Organizing Committee of European Conference on Nanofilms, 2010, Leige, Belgium.
- 2006- 2007 Member of International Advisory Committee of “*IX International Symposium on Self-Propagating High-Temperature Synthesis*” (SHS-2007), Dijon, France, July 2007.

Web of Science, Citation of papers published in International Journals

- Total: 1780 citations (102 papers found)
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