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EDUCATION:

- 1977 *Lebedev's Institute Of Physics (Academy of Sciences of the USSR), Moscow, USSR*
Post Doctorate in Physics and Mathematics - Dissertation:
"Resonant Multiphoton Processes in Gaseous Media"
- 1967 *Gorky State University, Gorky, USSR*
Ph.D. in Physics and Mathematics - Dissertation:
"Theory of Non-linear Processes Wherein Laser Beams Interact with Matter"
- 1958 *Gorky State University, Gorky, USSR*
MS in Physics, Diploma of Physicist - Investigator in Radiophysics

EXPERIENCE:

- 10/98 – Present *Vital Force Technology LLC, Eagle Point, OR 97524*
Energy Tools International, LLC, Eagle Point, OR 97524
Chief Research Scientist. Ongoing research into the nature and properties of Subtle Energy and development of subtle energy patterns using Vital Force Technology.
- 07/92 – 10/98 *Auregenic Light Research, Inc. Columbus, OH*
Chief Executive Officer and Chief Research Scientist
Biological effects of Vital Energies™ on living organisms. Incorporated April 1993.
- 10/91 - 07/92 *The Other 90%, Sausalito, CA*
Scientific Consultant
Research of the Bio-active Light Emitting Source influence on the electrical brain activity.
- 07/90 - 11/91 *Department of Veteran Affairs, Medical Center, Dayton, OH*
Scientific Consultant

- 12/89 - 05/92 *Gurlab, Inc., Dayton, OH*
Senior Research Scientist.
Developed and researched systems for investigations of visual perception.
- 03/89 - 11/89 *Bio Electromagnetic Engineering, St. Francisville, IL*
Chief Research Scientist.
Managed the research and development for electronic systems and their biomedical applications.
Developed Bio-active Light Emitting Source
- 1983 - 1987 *Moscow Institute of Agricultural Engineering, Moscow USSR*
Associate Professor - Physics Department
Conducted research on the effect of a weak variable magnetic field on living organisms.
- 1975 - 1983 *Institute of Organic Semiproducts and Dyes, Moscow USSR*
Senior Research Scientist, Department of Dye-Lasers.
Chief of Theoretical Department.
Supervised 15 researchers, responsible for theory and experiments on (a) transforming the frequency of dye-lasers on the basis of stimulated Raman scattering and coherent interaction of light waves, (b) the influence of laser light and magnetic fields on biological objects, and (c) excitation of molecules by high intensity infrared radiation in laser-stimulated chemical reactions.
- 1971 - 1980 *Moscow University, Physics Technical Institute, Moscow Institute of Steel and Alloys, Moscow, USSR*
Adjunct Professor
Taught graduate courses in non-linear optics, quantum electronics and quantum mechanics.
Taught Bachelor, Master and Doctorate students in a variety of engineering specialties and served as dissertation advisor to Ph.D. students.

- 1965 - 1975 *Institute of Radiotechnics and Electronics
(Academy of Sciences), Moscow USSR*
Senior Research Scientist
Developed general theory of non-linear resonant multi-quantum interaction of laser beams with matter, which made it possible to work out:
(a) An accurate explanation and evaluation of a number of phenomena and devices built on the basis of multiphoton processes.
(b) Development of a source of coherent light with a super-wide frequency tuning band.
(c) An evaluation of the propagation properties of superpower laser beams in the atmosphere.
- 1961 – 1965 *Gorky State University, Gorky, USSR*
Assistant professor. Taught courses in quantum radiophysics to graduate students.
- 1958 - 1961 *Design Bureau of Radioelectronics, Gorky, USSR*
Engineer
Developed radio altimeters for missiles

PUBLICATIONS:

“Resonant Nonlinear Interactions of Light with Matter”
Published in the USSR. English version (revised) published by Springer-Verlag, FRG, 1989.

Over 70 articles in related fields were published in journals such as the Soviet Journal of Spectroscopy, and Astrophysics, Experimental and Theoretical Physics, Soviet Quantum Electronics, Radiophysics,

PATENTS:

Four patents in Russia, one patent in United States

CITIZENSHIP STATUS:

U.S. Citizen