Solomon I. Khmelnik

EDUCATION

1960-1964 The Moscow Scientific-Research Institute of Automatic Devices, Post-graduate course. Ph.D. Degree in Engineering Science on Computer Engineering.

1952-1957 The Moscow Transport Engineers Institute, faculty of electrification. M.Sc. Degree in Electrical Engineering.

EMPLOYMENT

2004- – Independent researcher.
Activity: development innovative articles, books, patents.

1999-2003 – IPROS Corp., Toronto, Canada.
CEO of a company for innovative processors development.
Activity: development innovative processors.

1997-1999 - Turbodec Ltd., .Kiryat-Gat.
Activity: development of Expert System and Real-time System.

1996-1997 - ACCESS Technologes Ltd., Rehovot.
Activity: development of Informational System.

1995-1996 - Business Informational Systems Technology Ltd., Ashdod.
Activity: development of Informational System for Banks.

1994-1995 - ACCESS Technologes Ltd., Rehovot.
Activity: development of Real-time system for Medicine.

1993-1994 - OLAN Advanced Technologies & Software Ltd., Tel-Aviv.
Activity: development of educational programs.

1992-1993 - The Israel Electric Corporation Ltd., Haifa.
Activity: development of CAD.

1990-1991 - The Soviet-German joint venture "Delphin", Moscow.
Activity: development of Expert systems, CAD.

1986-1990 - The State Scientific-Research Institute of Electric power engineering, Moscow.
Head of the Laboratory.
Activity: development of automatic and optimal control systems, special-purpose processors, Expert systems, CAD.

1972-1985 - The State Design and Scientific-Research Institute for the Development of Power Systems and Electrical Networks "Energosetprojekt", Moscow.
Activity: development of management information systems, Language processor for languages Lisp and Planer, automatic and optimal control systems.

1957-1972 - The Scientific-Research Institute of Automatic Devices, Moscow.
Activity: development of Special-purpose processors.

A FEW FACTS

My achievement is the discovery and formulation of a solution for one of the Clay Mathematics Institute Millennium Prize Problems - I have found an efficient search method for global solutions to the Navier-Stokes Equations.

In 2010 I have published the results of my work in a book titled: "Navier-Stokes Equations - On the Existence and the Search Method for Global Solutions", where I proposed a general solution to this problem. The book's hard copy edition has been reprinted several times, and its electronic edition is freely available on the internet.

See: http://vixra.org/abs/1310.0234

For over a decade, I have published an international multidisciplinary periodical, "The Papers of Independent Authors".

The printed magazine is offered in both English and Russian (ISSN 2225-6717), and 41 volumes have been published to date, featuring 533 articles, published by 178 authors from 14 countries, among which are 59 professors, doctors, and doctoral candidates (in science).

See: http://dna.izdatelstwo.com/homeng.htm