

Vitaly Nechitailenko

Education:

Radio Engineering Faculty of the Kharkov Polytechnic Institute in 1962, specialty “radio engineer”.

Positions:

- 1962–1977 – leading engineer, Head of the sector of Laboratory of Problems of Radio Engineering, the Kharkov Polytechnic Institute;
- 1968–1969 – Head of the Group of Soviet Meteor Equatorial Expedition of the USSR Academy of Sciences in Somalia;
- 1977–1979 – senior researcher of VNIIS MAP, Moscow;
- 1979–1983 – senior researcher, Head of Laboratory of simulation of complex systems of VNPO, the Ministry of Oil and Gas Industry;
- 1983–p.t. – Soviet Geophysical Committee (SGC), Academy of Sciences of the USSR, later Geophysical Center, Russian Academy of Sciences, senior researcher (1983–1985), Head of the laboratory for information project support (1985–1993), Deputy;
- Deputy Chairman of SGC of the USSR Academy of Sciences/Deputy Director of GC RAS (1987–1994), director of the CRDF project on electronic publications (1993–2008), head of laboratory of electronic publications (1994–2010), leading researcher of laboratory of electronic publications (2010–p.t.).

Scientific interests:

Meteor research, modeling of complex systems, including computer and observation networks, scientific content documenting technology.

Research:

V. A. Nechitailenko took an active part in the International Geophysical Cooperation, developed a statistical theory of radio observations and interpretations of the meteor wind, was directly involved in the creation and development of a number of unique meteor radars (MARS, Tropic, VETA 1966–1975), which have no equivalents in the world. One of the

organizers and participants of the Soviet Meteor equatorial expedition organized by the SGC of the USSR Academy of Sciences in 1968–1970, one of the sponsors and organizers of the international project GLOBMET (1982–1990), secretary of the SGC Section of meteor research. He carried out a number of works on the modeling of complex systems, including the modeling of observational networks and computer networks. In 1982 he developed the software for the simulation of the gas transportation network management system of this country, the results were used in the preparation of the feasibility study of the well-known project “Gas-pipe”. In 1983 he was invited by the SGC Chairman corr. Member of the USSR Academy of Sciences V. V. Belousov for a permanent SGC position. He was directly involved in the introduction of new computational tools and information technologies in the practice of the WDC in the framework of participation in the project “Akademset”, CMEA programs and KAPG scientific cooperation projects. In 1992 the Laboratory of electronic publications was created, which soon became one of the leading laboratories determining the transition to electronic publications in science. In 1987–2005 he was a member of several committees of the International Council for Science (ICSU), including the Committee on WDS, the Committee for the dissemination of scientific information (ICSU Press), the Committee on the development of the ICSU Strategic Plan in the field of scientific data and information (PAADI) et al. He took an active part in the organization of the First and Second ICSU/UNESCO Expert Conferences on electronic publishing in science, as a member of the program committee and publisher of the proceedings of these conferences. In 1995–2004 he was a member of the Nominating Committee of the International Kyoto Prize. At the present time he is a member of the National Committee for CODATA. From 1993 to 2008 he was the director of the CRDF project (US Civilian Research and Development Foundation) on electronic publications. In the framework of this project and in accordance with the tasks of the government programs he developed several original methods and software for record of scientific content, based on the most modern technologies.