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REFERENCE

about the activity of Dr. Sci. (Techn.), Professor Smolskiy S.M.

Sergey M. SMOLSKIY, Russian, was born at 1946 in Moscow, entered to Radio Engineering Faculty (REF) of Moscow Power Engineering Institute (MPEI) at 1964 and graduated from it at 1970. Several his scientific student researches were highly recognized, published during student's life and one research performed during Bachelor course was awarded by the Gold Medal of Student Competition. From 1969 to 1970, being a student, he worked as an engineer and junior researcher at Department of Radio Transmitters, then he entered to PhD course and for excellent results he was awarded by Lenin's scholarship. At 1973 his thesis was presented to Dissertation Council and in February 1974 the defense occurred. Then he worked at Department of Radio Transmitters as junior researcher, senior researcher, the head of scientific lab and the head a scientific department. At 1980 he had got the degree of senior researcher, at 1990 – the degree of associate professor. At 1993 he defended the Dr. Sci. dissertation and from 1993 worked as a full professor. The degree of full professor was awarded in 1994. From 1987 he worked as MPEI Deputy Vice-Rector on Research Activity, from 1990 to 2000 as a Vice-Rector on International Relations. At 1995 he was elected for Head of MPEI Radio Receivers Department till 2006, and he works now as a professor of MPEI.

He participated in organization of two all-Russia students scientific schools in Radio Engineering and Electronics. He actively participated in organization and holding of all Russian scientific school-conferences in frequency stability and precision radio engineering. Eight years he conducted as a supervisor of Russian conferences for students and junior researchers on self-oscillation systems and autodynes (each year more that 100 participants).

Great work was performed in scientific journals as a reviewer and the author of reviews.

During work in MPEI S. M. Smolskiy successfully performs the academic work with graduate and PhD students, delivers lecture courses (including other universities), participated in students' laboratory works, supervises the scientific work of students. Eighteen scientific students' projects were awarded by premiums of MPEI, two project were awarded by gold medals. He developed and delivered several new academic lecture courses. Delivered lectures in foreign university in English (The Netherlands, Mexico, Columbia, Argentina, Iran, India, South-Africa). He speaks English fluently. Students and colleagues highly recognize his lecture courses.

S.M. Smolskiy successfully performs scientific researches and is well-known among experts in the field of nonlinear oscillations, theory of self-oscillating systems, systems of short-range and far-range radar, devices for radio signal generation with precision properties, devices for transmitting and processing of signals. He formulated and solved the new actual scientific

problem of investigation of new structures, performances, and limited possibilities of short-range radar.

He published more than 320 research papers, eighteen books. In 2003 the book «Fundamentals of FM Short-Range Radar» was manufactured in USA (authors I. Komarov, S. Smolskiy) by Artech-House Publisher. The second book Self-Similar Processes in Telecommunications (with co-authors) in John Wiley & Sons, third book (with co-authors) under the title «Radio Monitoring: Problems, Methods, and Equipment» in Springer US, fourth book under the title «Non-Traditional Dynamics in Electronics» in Scientific Research Publishers, USA, 2011. To 2017 new books (RF, Microwave and Millimeter-Wave Components) in Artech House Publishers, (Understanding of Electrodynamics, Radio Wave Propagation and Antennas) in Scientific Research Publishers, USA, (Quantum Radio Physics and Nonlinear Optics) in Lambert Academic Publisher and others were published. He prepared more than 100 scientific reports (including problem lectures) on different conferences including international. He worked as a responsible executor and scientific supervisor of R&D performed on the basis of industrial contracts and Governmental orders including international projects. Totally, he prepared more than 30 reports. He was scientific supervisor of nine PhD students and two Dr. Science successfully defended their theses. Successfully graduated from London Business School at 1989.

S.M. Smolskiy is highly responsible person, he successfully works with documents for formation of current and promising plans. For his successes in research activity he was repeatedly awarded by diplomas and premiums. For results of multi-year scientific and engineering activity on the contract with USSR Ministry of Machinery he was awarded by the medal. Results of his activity in missile-space field he was awarded by special medal in 2000. In 2000 he had got the Order of Poland Republic according to decision of Polish President «For services to Poland». In 2003 he was awarded by the medal «Honorable Radio Engineer». In 2007 according to decision of Russian President he had got the degree «Honored Worker of Higher Education». In 2010 he was awarded by the gold medal of Popov and had got the status of Honorable Professor of MPEI.

He is a Honorable Doctor of San-Juan University (Argentina from 1997) and «Kadjesh Nasir Toosi University» (Iran from 1995). A member of IEEE, active academician of three International Academies.

S.M. Smolskiy is a member of two Dissertation Councils. He was included in different commissions of Ministry of Education on international activity.

At present he is a professor of MPEI Radio Signal Formation and Processing Department, Deputy Director of MPEI Institute of Radio Engineering and Electronics on international activity, coordinator of international educational programs.