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Education:

PhD: Optics, B. I. Stepanov Institute of Physics, National Academy of Sciences of Belarus, Minsk, Belarus, 1991.

Title of PhD thesis: “ *The dependence of light scattering characteristics of aerosols and foams on their microstructure*”.

Master of Science: Theoretical Physics, Belarussian State University, Minsk, Belarus, 1983.

Title of thesis: “*The asymptotic light regime in deep layers of optically active light scattering media*”.

Main research areas:

Radiative transfer, multiple and single light scattering, optics of aerosols and hydrosols, foams, snow and clouds, inverse problems, remote sensing of atmosphere and ocean.

Present position:

Senior Researcher

Laboratory of Light Scattering Media Optics

B. I. Stepanov Institute of Physics, National Academy of Sciences of Belarus

Skarina Avenue 72, Minsk 220072, Belarus

November 1983- Present

and

Institute of Environmental Physics and Remote Sensing, Bremen University, Bremen, Germany

March 2001 - Present

Fellowships and awards:

Science and Technology Agency of Japan Fellowship, Earth Observation Research Center, National Space Development Agency of Japan, Tokyo, Japan, 15.01.1996 – 15.03.1997. The title of the work program: “*Light Scattering by Nonspherical Particles*”.

Alexander von Humboldt Fellowship, Institute of Particle Technology and Environmental Engineering, Clausthal Technical University, Clausthal-Zellerfeld, Germany, 1.08.1997 – 30.03.1999. The title of the work program: “*The Account for Multiple Light Scattering in Optical Particle Sizing Problems*”.

Engineering and Physical Sciences Research Council Fellowship, Chemical Engineering and Chemical Technology Department, Imperial College of Science Technology and Medicine, London, United Kingdom, 1.07.1999 – 30.06.2000. The title of the work program: “*Radiative Transfer in Powders with Irregularly Shaped Particles*”.