

Name: Bondarenko Stanislav Ivanovich

AFFILIATION

Leading Researcher, Professor
Institute for Low Temperature Physics and Engineering (ILTPE)
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EDUCATION

B.Sc., M.Sc.	in Electrotechnic, Ural Polytechnic Institute, Sverdlovsk, 1960
M.Sc	in Physics, Kharkov State University, 1968
Ph.D.	in Physics and Mathematics, ILTPE, 1970
Doctor of Technical Sciences	ILTPE, 1986
Professor	ILTPE, 1992

PROFESSIONAL EXPERIENCE

1999-Present	Leading Scientist, Acting Group Leader, Magnetometry and superconductivity, cryogenics
1991-1999	Director of Special Design and Technology Bureau (SDTB) of ILTPE
1971-1991	Chief of Magnetometry Department of SDTB of ILTPE
1965-1971	Engineer of Department of Low Temperature Electronics of ILTPE, Kharkov, Ukraine

RESEARCH ACTIVITIES

Research interest ranges in broad areas of applied physics, magnetometry and superconductivity. His applied physics work of recent years concerns mainly a model-based and experimental investigations of electromagnetic discovery for different objects under water and earth. As a lead scientist, he has been conducting research in different magnetometers application for NDE. The primary focus is on high sensitive magnetic microscopes based on SQUIDs and fluxgates, frozen magnetic field and current states in superconductors. He is the author and co-author of 150 published articles in the areas of pure and applied physics and magnetometry.