

EMPLOYMENT

- 2015-present Research professor, ICRANet, Italy
2007-2015 Researcher, ICRANet, Italy
2005-2007 Researcher at ICRA, Italy
2004 Methodologist at Belarusian State Pedagogical University
2002-2003 Visiting researcher at ICRA, Rome-Pescara, Italy
2000 Engineer at the Institute of Atomic and Molecular Physics of the National Academy of Sciences of Belarus, Minsk
1998-1999 Teacher of physics (part time) at School No.21, Minsk

EDUCATION

- 2004-2007 International Relativistic Astrophysics Ph.D (IRAP Ph.D.)
2000-2003 Ph.D. student, Theoretical Physics Department, Belarusian State University
1995-2000 student Theoretical Physics Department, Belarusian State University
1988-1995 Mathematical School No.50, Minsk

QUALIFICATION

- 2017 doctor of physical and mathematical sciences in theoretical physics (D Sc, habilitation degree), Institute of Physics, National Academy of Sciences of Belarus
2008 Ph. D. degree in relativistic astrophysics, University of Rome “Sapienza”, IRAP Ph.D. program
2004 candidate of physical and mathematical sciences in theoretical physics (Ph. D. degree), Institute of Physics, National Academy of Sciences of Belarus

RESEARCH INTERESTS

Plasma physics; Astrophysics; Cosmology.

FUNDING

- 2020 PI of the Joint BRFFR – ICRANet – 2021 program, project title: “Kinetics of nonuniform and (or) anisotropic relativistic plasma with correlations”
2020 PI of the Joint BRFFR – ICRANet – 2021 program, project title: “The motion and radiation of a test charged particle in the vicinity of a black hole”
2019 PI in the Joint BRFFR – ICRANet – 2018 program, project title: “Relaxation of multicomponent optically thick relativistic plasma with quantum degeneracy”
2018 Russian Foundation for Basic Research (RFBR) grant for publication of the Russian translation of the book “Relativistic kinetic theory”, 2017
2017 Co-PI of the scientific program “Relativistic astrophysical objects and phenomena” within the Belarusian state program “Convergence-2020”.
2001 Research fellowship for Physics Sciences of the NATO-CNR Outreach fellowships Programme;

SUPERVISION: 5 Ph.D. students

PUBLICATIONS

Monograph published by Cambridge University Press, 2017 and by Nauka (in Russian), 2018, 2 book chapters, 7 edited volumes, 46 refereed publications
Citations: >1000 (ADS), h-index: 16 (Scopus and WOS).