

RESUME

NAME Kirill P. Zybin
BORN August 18, 1958
CITIZENSHIP Russia

AFFILIATION

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ACADEMIC DEGREES

2006 Corresponding member of Russian Academy of Science.
1996 Full Doctor (Physics & Mathematics) P.N.Lebedev Physical Institute
1986 - Ph.D.(Physics & Mathematics) P.N.Lebedev Physical Institute
1981 - M.Sc.(Physics & Engineering), Moscow Physical Technical Institute

AWARDS

2005 Fridman Prize of Russian Academy of Science

GENERAL FIELD OF STUDY: Theoretical physics

PRESENT RESEARCH AREAS

Plasma, kinetic theory, radio-physics, turbulence and chaos.
Nonlinear waves, hydrodynamics, turbulence

EDUCATION

1996 Dr. of Sciences, Thesis Title:
Large scale structure of the Universe. Analytic theory.

1981 - 1986 Post-graduate course in the Lebedev Physical Institute (supervisor: Professor
A.V.Gurevich, Lebedev Physical Institute, Moscow, Russia)

Ph.D. Thesis Title:
Dynamics of plasma in stochastic electro magnetic fields.

1975 - 1981 Moscow University of Physics and Technology

POSITIONS HELD

2013-present Director Of the Theoretical Division
P.N.Lebedev Physical Institute
Russian Academy of Sciences,

2007-2013 Principal researcher,
Russian Academy of Sciences,
P.N.Lebedev Physical Institute , Theoretical Division

1997 - 2007 Leading researcher,
Russian Academy of Sciences,
P.N.Lebedev Physical Institute , Theoretical Division

1986 - 1997 Junior Researcher, Researcher,
Senior Researcher of
P.N.Lebedev Physical Institute

THE MOST IMPORTANT SCIENTIFIC RESULTS

1. Analytical nonlinear solution for nondissipative self gravitating perturbations of dark matter in an expanding Universe .
2. Analytical solution for stationary state of isolated striation in ionospheric modification.
3. Theory of runaway breakdown
4. The theory of structure functions of fully developed hydrodynamic turbulence