

CURRICULUM VITAE

Name : **KOTLYAROV VOLODYMYR**

Citizenship: Ukraine

Address: Mathematical Division, [B. Verkin Institute for Low Temperature Physics and Engineering](#) of the National Academy of Sciences of Ukraine,
Prospekt Nauky 47, Kharkiv, 61103, Ukraine

Phone: +(380) 57 3410966

FAX: +(380)57 3403370

E-mail: kotlyarov@ilt.kharkov.ua

EDUCATION AND ACADEMIC DEGREES:

Doctor of Science (Mathematical Physics), Institute for Low Temperature Physics and Engineering of the Academy of Sciences of Ukraine, Kharkov, Ukraine, 1992
Thesis "Soliton asymptotics of nondecreasing solutions of nonlinear evolutionary equations"

Candidate of Science (PhD) (Differential Equations), Kharkov State University, Kharkov, Ukraine, 1972
Thesis: " Problems of the theory of elasticity in domains with fine-grained boundary " (Supervisor Prof. V.A.Marchenko and E.Ya. Khruslov)

Graduate: Institute for Low Temperature Physics and Engineering of the Academy of Sciences of Ukraine, Kharkov, Ukraine, 1968-1971

Master of Science: Kharkov State University, Kharkov, Ukraine, 1968
Thesis: " The limit boundary conditions of the Neumann's problem " (Supervisor Prof. E.Ya. Khruslov)

Undergraduate: Kharkov State University, Kharkov, Ukraine, 1963 – 1967

TITLE

Full Professor (Mathematics), Ministry of Education and Science of Ukraine, Kyiv 2019

Senior Research Fellow (Differential Equations and Mathematical Physics), USSR Academy of Sciences, Moscow 1983.

PROFESSIONAL CAREER:

Chief Research Fellow of the B. Verkin Institute for Low Temperature Physics and Engineering of the National Academy of Sciences of Ukraine, 2016 -- present
Head of the Department of Mathematical Physics of the same Institute 2002 - 2016
Leading Research Fellow, the same Institute, 1992-2001
Senior Research Fellow, the same Institute, 1976 - 1992
Junior Research Fellow, the same Institute, 1971 - 1975

GRANTS AND AWARDS

- State Prize of Ukraine 2020
(together with L. Golinskii, I. Egorova, D.G.Shepelsky, V. Gutlyanskii, A.S. Romanyuk, I.I. Scrypnik) for the work:
"Analytical methods of function theory and their application"
- Ostrogradskii's Prize of the National Academy of Sciences of Ukraine (2011)
(together with D.G.Shepelsky and V.G.Samoilenko) for the series of researches
"Analytic and asymptotic methods in the theory of integrable systems."
- Krylov's Prize of the National Academy of Sciences of Ukraine (1996) (together with E. Ya. Khruslov) for studies "Decay of solutions of nonlinear evolution equations into asymptotic solitons."

PROFESSIONAL AFFILIATIONS:

Member of the Kharkov Mathematical Society

Member of the Editorial Board of the Journal of Mathematical Physics, Analysis and Geometry

VISITS:

University Paris-YII, Paris, France, 1 months, June 2007;
University Paris-YII, Paris, France, 1 months, May-June 2005;
University Paris-YII, Paris, France, 1 months, June 2004;
University of Cambridge, Cambridge, England, 1 month, October 2003;
University of Cambridge, Cambridge, England, 1 month, June-July 2003;
University Paris-YII, Paris, France, 2 months, June-July 2002;
University Paris-YII, Paris, France, 1 months, July 2001;
University Paris-YII, Paris, France, 5 months, January - June 2000;
University Paris-YII, Paris, France, 4 months, October 1997 - February 1998;
Ruhr University, Bochum, Germany, 1 month, May, 1996;

University Paris-VII, Paris, France, 3 months, October 1995 - January 1996;
Sussex University, Brighton, England, 1 week, April, 1995.

RESEARCH INTERESTS:

Spectral theory of differential operators and inverse problems; analytical theory the matrix Riemann-Hilbert problems and its applications; algebro-geometric integration and asymptotic behavior of solutions of soliton equations.

Referee reports (2016 -2020) for the journals:

«Nonlinearity»
«Journal Physics A: mathematical and theoretical»
Journal of mathematical physics»
«Applicable Analysis»
«Mathematical Methods in the Applied Sciences»
«Journal of Nonlinear Science»
«Open Mathematics»