



CURRICULUM VITAE by Alexander N. Timokha¹

Personal data:				
Birth:	13.07.1962, Kiev, Ukraine			
Affiliations:	Institute of Mathematics, National Academy of Sciences of Ukraine (NASU) (Tereschenkivska 3, str., 01601, Kiev, Ukraine)			
	Centre of Excellence “Centre for Autonomous Marine Operations and Systems” (AMOS) & Department of Marine Technology, Norwegian University of Science and Technology (NTNU), Trondheim, Norway (Otto Niensens vei 10, Trondheim, NO-7491, Norway)			
Academic Degree:	PhD (1988); Doctor of Sciences, Habilitation (1993) Corresponding Member of National Academy of Sciences of Ukraine (2015)			
Nationality:	Ukrainian			
Languages:	Ukrainian, Russian (native), English (fluent), German (basic ²)			
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Education & Academic Degrees & Titles				
	Name of Institution	Place	Degrees	Major subject studied/examined
1979- 1984	Kiev State University	Kiev, Soviet Union	MSc	Mathematics (Mathematician, Teacher)
1988	Kiev State University	Kiev, Soviet Union	Candidate of Sciences (Ph.D.)	Mechanics of Fluids, Gases and Plasma
1993	Institute of Mathematics of NASU	Kiev, Ukraine	Doctor of Sciences (DSc, Habilitation)	Mathematical Physics
2015	National academy of Sciences of Ukraine		Corresponding Member	
Details on Thesis:				
Candidate of Sciences (PhD.): “ <i>Nonlinear Interaction of a Limited Liquid Volume and a Gas with an Acoustic Fields</i> ”				
Doctor of Sciences (DSc, Habilitation): “ <i>Direct Methods in Nonlinear Problems of Theory of Vibroacoustic Interaction of Surface Waves</i> ”				
Employment Record:				
1984- 1994	Institute of Mathematics of NASU	Kiev, Ukraine	Engineer, Junior Researcher, Researcher, Senior Researcher	
2004- 2012	Centre of Excellence “CeSOS” & Department of Marine Technology, Norwegian University of Sciences and Technology (NTNU)	Trondheim, Norway	Visiting Professor & Researcher I (Research Professor, SKO 1183)	
1994- 2017	Institute of Mathematics of NASU	Kiev, Ukraine	Leading Researcher (Research Professor)	
2017- <i>present</i>	Institute of Mathematics of NASU	Kiev, Ukraine	<i>Head of Department</i> (Mathematical Problems of Mechanics and Control Theory)	
2013- <i>present</i>	Centre of Excellence “AMOS” & Department of Marine Technology, Norwegian University of Sciences and Technology (NTNU)	Trondheim, Norway	<i>Permanent Position: Researcher I</i> (Research Professor, SKO 1183)	
2013- <i>present</i>	Department of Mathematics, Faculty of Engineering and Physical Sciences, University of Surrey	Surrey, UK	[Honorary] Visiting Professor (unpaid position)	

¹ Oleksandr Tymokha is another writing in the Ukrainian passport.

² Zertifikat Deutsch von Goethe-Institut Dresden (2003, Nr. MB 122810)

Fellowships & Short-term Visiting Professorships:		
<i>Research Fellowship at Institute of Problems of Mechanics of Russian Academy of Science, Moscow, Russian Federation (special Grant for best young scientists of NASU)</i>	1 month, 1997	
<i>NATO Senior Scientist Fellowship at Norwegian University of Sciences and Technology, Trondheim, Norway</i>	October, 1998 – January, 1999	
<i>Alexander-von-Humboldt Fellowships at Jena University, Jena, Germany</i>	February, 2003 – August, 2004 June, 2011	
<i>Short-term Visiting Professorships at Leipzig University, Leipzig, Germany</i>	May, 1998 – August, 1998; June, 1999 – August, 1999; May, 2000 – July, 2000; June, 2001 – August, 2001	
<i>Short-term Visiting Professorships at Jena University, Jena, Germany</i>	June, 2006, July, (2007, 2008, 2009, 2010, 2011)	
<i>Short-term Visiting Professorships at Department of Marine Technology, Norwegian University of Sciences and Technology, Trondheim, Norway</i>	Oct. 1999 – Dec. 1999; Mar. 2000; Oct. 2000; Mar. 2001; Sept. 2001; May, 2002; Aug. 2002; Dec. 2002; May, 2003; Oct. – Nov. 2003	
Awards:		
The Medal with Award for the best young researchers of NASU (Ukraine)	1994	
Presidential Early Career Scientists Awards (Ukraine)	1995, 1996	
WV & A Petryshyn's award for the best work in Nonlinear Analysis (USA)	1994	
Personal Prize of NASU named after M.Krylov (Ukraine)	2001	
State Award in Science and Technology (Ukraine)	2012	
International Grants^{3 4}:		
Individual Research Grants of the International Science Foundation (USA)	1992; 1993	
INTAS Project, Grant No. 94-1234 (European Community)	1994 –1995	
NATO Individual Research Grant (NATO)	1998	
Alexander-von-Humboldt Foundation (Germany)	2003-2004	
4 continued DFG Projects, No. 435 UKR 113/33/(0-4) (Germany)	1997 – 2010	
Membership:		
<ul style="list-style-type: none"> ➤ Gesellschaft fuer Angewandte Mathematik und Mechanik (GAMM), Germany (invited member, 1995); ➤ American Mathematical Society (AMS), USA, ➤ EUROMECH, EU 		
Editorial:		
Associate Editor (Editorial Board) of		
<ul style="list-style-type: none"> ➤ “Journal of Applied Mathematics” (2009 – 2017) ➤ “Mathematical Problems in Engineering” (impact factor 0.802 in 2016) ➤ “Ocean Systems Engineering” ➤ “Ukrainian Mathematical Journal” (impact factor 0.228 in 2016) 		
Consulting Experience:		
1984-1989	Design Office “Khartron”	Hydrodynamics, Dynamics and Control
1985-1991	Design Office “Yuzhnoye”	Sloshing in Tanks, Coupled Fluid/Vehicle Dynamics
1987-1989	Design Office “Salut”	Microgravity Hydrodynamics, Nonlinear Acoustics
1992-2003	National Space Agency of Ukraine	Microgravity Hydrodynamics, Melt Crystallization, Structural Dynamics, Smart Materials
Teaching:		
Kiev Polytechnical University (1984-1993)	<ol style="list-style-type: none"> 1. General Course of Mathematics 2. Mathematical Analysis 3. Differential Equations 	
Kiev National Shevchenko University (1995-1999)	<ol style="list-style-type: none"> 1. Analytical Mechanics and Hydromechanics 2. Mathematical Physics 	
Kyiv-Mohyla Collegium (1996-1998)	Basic Course of Informatics	
Private School “Athens”, Kiev, Ukraine (1996-1998)	Didactics (Course for Teachers) Basic Course of Mathematics (the middle school level)	
Norwegian University of Science and Technology, CeSOS (2004-2008, 2015)	Lectures on Mathematical Aspects of Hydrodynamics for <i>Ph.D. Students</i> within the framework of the general Course of Marine Hydrodynamics and Marine Structures	

³ The list of National projects (Soviet Union and Ukraine) is **not** included.

⁴ The amount budget of the *already finished* international Grants is about € 480,000 + \$5,000