

C U R R I C U L U M V I T A E

Dr. MAIA MREVLISHVILI



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WORK EXPERIENCE:

2021-Till Now

"Georgian Beer Company" JSC

Department of Marketing and Communications

Data Analyst

2021

"Microlog" Ltd

Data Analyst

2013-Till Now

Georgian Technical University

Faculty of Informatics and Control Systems, Department of Mathematics

Assistant Professor of Mathematics

2008-2018

"D&L Services" Ltd

Sales Reporting Specialist, Accountant's Assistant

2008

"Arti" Ltd

Sales Manager Assistant (Sales Reporting Specialist)

2007-2012

Saguramo Public School of Mtskheta Municipality

Information Technologies Manager; Teacher of Informatics

EDUCATION:

2009 - 2012

Georgian Technical University

Faculty of Informatics and Control Systems

Department of Mathematics [PhD Degree in Mathematics]

PhD Thesis - "Investigation of Basic Boundary Value and Contact Problems of Thermo-Electro-Magneto Elasticity Theory"

2004-2006

Tbilisi State University

Faculty of Exact and Natural Sciences [The Academic Degree of Master of Mathematics]

2000-2004

Tbilisi State University

Faculty of Mechanics and Mathematics [The Academic Degree of Bachelor in Mathematics]

1997-2000

Physical-Mathematical School Named After T. Gegelia (V. Komarovi) of Ivane Javakhishvili Tbilisi State University [General Education Diploma]

PUBLICATIONS:

D. Natroshvili, M. Mrevlishvili, *Mixed Boundary-Transmission Problems for Composite Layered Elastic Structures*, Mathematical Methods in the Applied Sciences, Vol. **44**, Issue 12, 2021, 9689-9709.

S. Gorgisheli, M. Mrevlishvili, D. Natroshvili, *Localized Boundary-Domain Integro-Differential Equations Approach for Stationary Heat Transfer Equation*, Applications of Mathematics and Informatics in Natural Sciences and Engineering, Springer Proceedings in Mathematics & Statistics, Vol. **334**, 2020, 205-226.

S. Gorgisheli, M. Mrevlishvili, D. Natroshvili, *Boundary-Transmission Problems of the Theory of Acoustic Waves for Piecewise Inhomogeneous Anisotropic Multi-Component Lipschitz Domains*, Transactions of A. Razmadze Mathematical Institute, Vol. **174**, issue 3, 2020, 303-324.

M. Mrevlishvili and D. Natroshvili, *Investigation of Nonclassical Transmission Problems of the Thermo-Electro-Magneto Elasticity Theory for Composed Bodies by the Integral Equation Method*, Transactions of A. Razmadze Mathematical Institute, Vol. **173**, issue 3, 2019, 103-130.

M. Mrevlishvili and D. Natroshvili, *Investigation of Interior and Exterior Neumann-Type Static Boundary Value Problems of Thermo-Electro-Magneto Elasticity Theory*, Memoirs on Differential Equations and Mathematical Physics, Vol. **53**, 2011, 99-126.

M. Mrevlishvili, *Investigation of Interior and Exterior Dirichlet Boundary Value Problems of Thermo-Electro-Magneto Elasticity Theory and Regularity Results*, Bulletin of Tbilisi International Centre of Mathematics and Informatics (TICMI), Vol. **15**, 2011, 13-26.

M. Mrevlishvili, *The Interior and Exterior Dirichlet Boundary Value Problems of Statics of Thermo-Electro-Magneto Elasticity Theory*, Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics, Vol. **25**, 2011, 90-94.

M. Mrevlishvili, *Liapunov-Tauber Type Theorem in Thermo-Electro-Magneto-Elasticity Theory*, Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics, Vol. **24**, 2010, 88-92.

M. Mrevlishvili, D. Natroshvili and Z. Tediashvili, *Uniqueness Theorems for Thermo-Electro-Magneto-Elasticity Problems*, Bulletin of the Greek Mathematical Society, Vol. **57**, 2010, 281-295.

INTERNATIONAL CONFERENCES:

XI International Conference of the Georgian Mechanical Union, Batumi, Georgia, August 23-28, 2021.

X Annual International Conference of the Georgian Mechanical Union, Batumi, Georgia, September 2-6, 2019.

ISAAC2019, 12th International ISAAC Congress, University of Aveiro, Portugal, July 29 - August 02, 2019.

Summer School 2014 in Applied Analysis for Materials, Berlin Mathematical School and Weierstrass Institute for Applied Analysis and Stochastics, Berlin, Germany, August 25-September 5, 2014 (Participant of the Contributed Talks).

Second International Conference of Georgian Mathematical Union, Batumi, Georgia, September 15-19, 2011.

International Conference on Modern Mathematical Methods in Science and Technology (M3ST' 09), Island of Poros, Greece, September 3-5, 2009.

PROJECTS AND GRANTS:

Shota Rustaveli National Science Foundation of Georgia, Basic Research State Grant (FR-18-126), Key Researcher, 2019-2021.

Mathematical analysis of dynamical mixed transmission problems of thermo-electro-magneto elasticity theory and related interaction problems of different dimensional fields.

FIELDS OF RESEARCH:

Integral and Differential Equations of Mathematical Physics, Boundary Value and Initial Boundary Value Problems of Solid Mechanics.

OTHER QUALIFICATIONS:

Organizing Committee Member of the XI International Conference of the Georgian Mechanical Union [2021]

Berlin Mathematical School and Weierstrass Institute for Applied Analysis and Stochastics, Summer School 2014 in Applied Analysis for Materials, Certificate [2014]

Free University of Tbilisi, Business School ESM, Professional Program Courses in Certified Financial Manager (CFM), Certificate [2012]

European School of Management ESM-Tbilisi, Courses in Small and Medium Business Finance, Certificate [2007]

LANGUAGES SPOKEN:

Georgian (Native), English (Advanced), Russian (Advanced), French (Elementary)

OTHER SKILLS:

Microsoft Office (Excel, Word, Power Point, Outlook), Microsoft Business Solution-Navision; ORIS Accounting, 1C; Linux (Open Office); LaTeX; Qlik Sense Business; Python