George Nadareishvili

Born 27 November 1987
in Tbilisi, Georgia

A. Razmadze Mathematical Institute
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Work Experience	Associated Professor Kutaisi International University, Kutaisi, Georgia.	**2020 – pres.**
	Researcher A. Razmadze Mathematical Institute, Tbilisi, Georgia.	**2020 – pres.**
	Expert National Center for Educational Research of Georgia, Tbilisi, Georgia.	**2023 – pres.**
	Mathematics Expert Ministry of Education and Science of Georgia, Tbilisi, Georgia.	**2022 – pres.**
	Postdoctoral Researcher Tbilisi Iv. Javakhishvili State University, Tbilisi, Georgia. Joint program of Göttingen and Tbilisi State universities.	**2018 – 2021**
	Postdoctoral Researcher Georg-August Universität Göttingen, Göttingen, Germany. Institute of Mathematics.	**2016 – 2017**
	Research Assistant Swiss Federal Institute of Technology, Zurich, Switzerland. Center for Algorithms, Discrete Mathematics and Optimization.	**2007**
Education	PhD studies in mathematics Georg-August Universität Göttingen, Göttingen, Germany. • Advisor: Prof. Dr. Ralf Meyer and Prof. Dr. Thomas Schick.	**2012 – 2015**
	Master of Science in mathematics Tbilisi Iv. Javakhishvili State University, Tbilisi, Georgia. • Advisor: Prof. Dr. Alex Patchkoria.	**2009 – 2011**
	Bachelor of Science in mathematics Tbilisi Iv. Javakhishvili State University, Tbilisi, Georgia.	**2005 – 2009**

Publications and Theses

- Relative homological algebra for bivariant K-theory, Springer Proceedings in Mathematics & Statistics, Functor Categories, Model Theory, Algebraic Analysis and Constructive Methods, FCMTCCT2 2022, Almería, Spain, July 11–15, Invited and Selected Contributions. To be published 2024.

- Approximations of Kasparov Categories of C*-Algebras, Conference Proceedings by Tbilisi State University, Algebra, Topology and Analysis: C* and A-infinity Algebras, Gonio 2021. Published 2023.

- Localizing subcategories in the bootstrap category of filtered C*-algebras, *J. Noncommut. Geom.* 13 (2019), 1209-1233. doi: 10.4171/JNCG/354.

- A classification of localizing subcategories by relative homological algebra – *PhD thesis.*
- On projective semimodules – *Master's thesis.*
- On Grothendieck group of $\mathbb{N}$-valued semirings – *Bachelor's thesis.*

Teaching Lectures
- Algorithms and Discrete Structures; Introduction to the Theory of Computation; Linear Algebra for Computer Science; Discrete Structures; Introduction to Mathematical Software.
    - Kutaisi International University, semesters 2020, 21, 22, 23 Kutaisi, Georgia.
- Introduction to TeX/LaTeX and applications
    - Tbilisi Iv. Javakhishvili State University and Georg-August Universität Göttingen, semester 2021, Tbilisi, Georgia and Göttingen, Germany.
    - Georg-August Universität Göttingen, semester 2016/17, Göttingen, Germany.
- Practical exercises for Analytic Geometry and linear Algebra I
    - Tbilisi Iv. Javakhishvili State University, Semesters 2017/18, 2019, 2020, Tbilisi, Georgia.
- *Saalübung* and *Praktikum* for Analytic Geometry and linear Algebra II
    - Georg-August Universität Göttingen, summer semester 2016, Göttingen, Germany.

Organization of seminars
- Differential Geometry
    - Undergraduate seminar. Kutaisi International University and Tbilisi Iv. Javakhishvili State University, semester 2021/21, Tbilisi, Georgia.
- Higher Structures in Mathematics
    - Graduate seminar. A. Razmadze Mathematical Institute, semesters 2019, 2019/20, Tbilisi, Georgia.
- Homological Algebra
    - Graduate seminar. A. Razmadze Mathematical Institute, semesters 2019, 2019/20, Tbilisi, Georgia.
- Mathematical structures in Quantum Field Theory
    - Graduate seminar. A. Razmadze Mathematical Institute, semester 2019/20, Tbilisi, Georgia.
- Noncommutative topology
    - Graduate seminar. A. Razmadze Mathematical Institute, 2018, Tbilisi, Georgia.

Fellowships and Awards	University of Münster

University of Münster
- Invitation and full support to give a lecture at Topology seminar and attend "Opening Colloquium", Münster, Germany, 2019.

Erwin Schrödinger International Institute for Mathematics and Physics
- Support to attend masterclasses "Bivariant K-theory in Geometry and Physics", Vienna, Austria, 2018.

Mittag-Leffler Institute
- Invitation and full support to attend and speak at the conference "Classification of operator algebras, complexity, rigidity and dynamics", Stockholm, Sweden, 2016.

DFG Research Training Group "Mathematical Structures in Modern Quantum Physics"
- Start-up stipend after completion of PhD studies, Göttingen, Germany, 2015.

Swiss Federal Institute of Technology in Lausanne and University of Copenhagen
- Full support to attend and speak at the conference "Young Topologists' meeting 2015", Écublens, Switzerland, 2015.

University of Regensburg
- Full support to attend and speak at the spring school "Algebraic K-theory of Topological Algebras", Regensburg, Germany, 2015.

Deutscher Akademischer Austauschdienst (DAAD)
- Fellowship to continue the PhD studies at Georg-August Universität Göttingen, Göttingen, Germany, 2012.

Ministry of Education of Georgia
- State fellowship to pursue Master's degree in mathematics at Tbilisi Iv.Javakhishvili State University, Tbilisi, Georgia, 2009.

Swiss Federal Institute of Technology
- Grant to participate in the internship program in Center for Algorithms, Discrete Mathematics and Optimization, Zurich, Switzerland, 2005.

United States Department of state
- Full scholarship for participation in the Future Leaders Exchange Program (FLEX) of the United States Government, administered by the US department of State, Kentucky, USA, 2003 – 2004.

Languages English (fluent), Russian (fluent), German (advanced), Georgian (native).

March 9, 2025