Konstantine Razmadze

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EMPLOYMENT HISTORY

2015 – 2020

Specialist of Financial Analysis | Department of Logistics at St. Andrew the First-Called Georgian University of the Patriarchate of Georgia.

2014 – 2019

Specialist an International Researches | Department of Mathematic, National Assessment and Examinations Center.

2017 – 2018

Math teacher | School Hellios, Georgia

EDUCATION

2019 – Present

Tbilisi State University and University of Goettingen, "International Doctoral Program in Mathematics"| Tbilisi, Georgia, Goettingen, Germany
PhD student: Mathematics

2014 – 2016

St. Andrew the First-Called Georgian University of the Patriarchate of Georgia | Tbilisi, Georgia MSc (with honors): Mathematics

Thesis Title: *Bi-modal Logic of Open-Continuous Maps*

2010 – 2014

St. Andrew the First-Called Georgian University of the Patriarchate of Georgia | Tbilisi, Georgia BSc (with honors): Mathematics

Thesis Title: Modal Logics of Real Line

PARTICIPATION IN RESEARCH PROJECTS

1.03.25-31.08.25

Ludwig-Maximilians-University (LMU) of Munich| Munich, Germany

Researcher in Munich Center for Mathematical Philosophy (MCMP)

1.09.24-30.11.24

Shota Rustaveli National Science Foundation-DAAD | Georgia/Germany

Principal researcher in grant Rustaveli-DAAD 2024 *Temporal Logic of a Sequence of Finite Linear Processes*

2023 – 2026

Shota Rustaveli National Science Foundation | Georgia

Researcher in grant FR-22-6700 *Polyhedral Semantics for modal and intuitionistic logic*

2023 – 2026

Shota Rustaveli National Science Foundation | Georgia

Researcher in grant FR-22-4923 *A categorical approach to generalized bialgebras, Hopf algebroids and related structures; descent and term rewriting*

2022 – 2024

Shota Rustaveli National Science Foundation | Georgia

Programer in grant STEM-22-1601 *Mathematical Models in Molecular Biology and Genetics*

2019 – 2024

Shota Rustaveli National Science Foundation and Volkswagen Foundation | Georgia/Germany

PhD Fellowship in Project N93581 *International Doctoral Program in Mathematics*

2018 – 2022

Shota Rustaveli National Science Foundation | Georgia

Programmer in grant FR-18-10849 *Stable structures in homological algebra*

2017 – 2019

Shota Rustaveli National Science Foundation | Georgia

Principal Researcher in grant # PhD_F_17_88 *Analysis of the Multi-modal Logics for Modal Maps*

2015 – 2016

Shota Rustaveli National Science Foundation | Georgia

Principal Researcher in grant # 15MR_2.1.1_41 *Bi-modal Logic of Open-Continuous Maps*

PUBLICATIONS

2023 D. Gabelaia, E. Kuznetsov, L. Uridia, R.C. Mihailescu**,** K. Razmadze**,** ***"****Temporal logic of surjective bounded morphisms between finite linear processes", Journal of Applied Non-Classical Logics*

2017 Konstantine Razmadze, Bi-modal Logic of Open-Continuous Maps, Works of Georgian University III, 2017, pg. 200-223, "Georgian University", Tbilisi, 2017.

PARTICIPATION IN SCIENTIFIC EVENTS

7/11/24

"Meet to MCMPer" in Ludwig-Maximilians-University (LMU) of Munich, Munich Center for Mathematical Philosophy (MCMP) | Munich, Germany
Talk: *Temporal Logic of a Sequence of Finite Linear Processes*

31/06/24-7/07/24

Topology, Algebra and Categories in Logic 2024 (TACL 2024) | Barcelona, Spain
Talk: *Temporal Logic of a Sequence of Finite Linear Processes*

22/04/24-24/04/24

International conference of the Institute of Applied Mathematics named after Ilya Vekua (Viam 2024) | Tbilisi, Georgia
Talk: *Bi-Modal Logic of Maps*

2/11/23-26/01/24

Invited researcher in Ludwig-Maximilians-University (LMU) of Munich, Munich Center for Mathematical Philosophy (MCMP) | Munich, Germany

7/12/23

"Meet to MCMPer" in Ludwig-Maximilians-University (LMU) of Munich, Munich Center for Mathematical Philosophy (MCMP) | Munich, Germany
Talk: *Logic of Shelves*

18-22/09/2023

14th International Tbilisi Symposium on Language, Logic and Computation | Telavi, Georgia

Talk: *Temporal logic of surjective bounded morphisms between finite linear processes*

7-15/09/2023

17th International Tbilisi Summer school in Logic and Language and LATD 2023| Tbilisi, Georgia

26/01/23

"Meet to MCMPer" in Ludwig-Maximilians-University (LMU) of Munich, Munich Center for Mathematical Philosophy (MCMP) | Munich, Germany
Talk: *Analysis of Multimodal Logics of Modal Maps*

1/07/22-01/02/23

Invited researcher in Ludwig-Maximilians-University (LMU) of Munich, Munich Center for Mathematical Philosophy (MCMP) | Munich, Germany

8/08/22-19/08/22

33RD European Summer School in Logic, Language and Information | Galway, Ireland

14/06/22-18/06/22

Topology, Algebra and Categories in Logic 2022 (TACL 2022) | Praia de Mira, Portugal

30/08/2021-3/09/2021

Summer school on Algebra, Topology and Analysis: C^* and A(∞) Algebras | Gonio, Georgia

Talk: Analysis of the multi-modal logics for modal maps

27/03/2021-5/04/2021

Mathematical Modelling of Epidemics (MME 2021) | TSU- Goettingen (online)

Talk: Modelling of the test-trace-isolate strategy

10/06/19-21/06/19

Topology, Algebra and Categories in Logic 2019 (TACL 2019) | Nice, France

23/05/18-31/06/18

Research visit to Institut de Recherche en Informatique de Toulouse (IRIT, CNRS),
Consultant was Philippe Balbiani, Senior researcher at CNRS |Toulouse, France

18-22/09/2017

Twelfth International Tbilisi Symposium on Language, Logic and Computation | Lagodekhi, Georgia
Talk: Bi-modal Logics of Mappings

15-26/08/2016

28th European Summer School in Logic, Language and Information | Bolzano-Bozen, Italy

19/05/2015

Young Scientists Conference | Tbilisi, Georgia
Talk: Hybrid Logics of Trees and Linear Orders

22/05/2014

First Science Conference of Georgian University | Tbilisi, Georgia
Talk: Modal Logics of Real Line

LANGUAGE PROFICIENCY

Georgian – Fluent

English – C1

Russian – B2

Old Albanian – B2