



CV

1. Personal Information

Surname	Kurtanidze
Name	Lia
Mail	lkurtanidze@seu.edu.ge

2. Position and specialty

Position:	Assistant Professor
Specialty	Information systems

3. Academic/Scientific degree

Name of the higher education institution	St. Andrew the First-Called Georgian University of the Patriarchate of Georgia
Direction/ Specialty	Computer Technologies and Mathematical Modeling
Enrollment date	2014
Dissertation defense date	2018
qualification	Doctor of Informatics
Title of the dissertation topic	“Proof theory methods in schemata and unranked logics”
Conductor of the theme	Mikheil Rukhaia

4. Other education

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Name of the higher education institution	St.Andrew the First Called Georgian University of the Patriarchate of Georgia, Specialty	
Faculty / Specialty	Informational Technologies and Computer Modeling	
Date of the enrollment/Graduation	Beginning (yy)	End (yy)
	2009	2011
Qualification	Master of Informatics	
II		
Name of the higher education institution	Ivane Javakhishvili Tbilisi State University	
Faculty / Specialty	Physics	
Date of the enrollment/Graduation	Beginning (yy)	End (yy)
	2004	2008
Qualification	Bachelor of Physics	

5. Professional experience

Date (mm/yy)		Employer	Position / duties
-from	-to		
11/2020	present	Georgian National University SEU	Assistant Professor
09/2020	present	№53 public school	Teacher
03/2020	09/2020	International Black Sea University	Co-coordinator
03/2009	09/2020	№ 107 public school	Teacher
2008	2009	Laboratory of Applied Electrodynamics, Tbilisi State University.	Assistant

6. scientific publications

Date	Topic of the working theme	Scientific Journal	Publisher
2018	„Reasoning Methods in Semantic Web“	International Journal of Engineering and Applied Sciences	IJEAS
2018	„Skolemization in Unranked Logics“	Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics	Tbilisi State University.
2017	„Unranked Tableaux Calculus and its Web related Applications“	IEEE Conference on Electrical and Computer Engineering	IEEE Explore Digital Library
2016	„Proof Construction in Unranked Logics“	Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics	Tbilisi State University.
2016	„Semi Automated Construction of Proof Schemata	Journal of Applied Mathematics, Informatics and Mechanics	Tbilisi State University.
2015	„About Correspondence Between Proof Schemata and Unranked Logics“	Reports of Enlarged Session of the Seminar of I. Vekua Institute of Applied Mathematics	Tbilisi State University.

7. Other activities

N	The Name and Description of the Activity
1	02/2019-present Principal staff under “Design and Analysis of NTRU-based Cryptosystems Using Formal Methods“(04/03), project, funded by Shota Rustaveli National Science Foundation and Scientific and Technological Research Council of Turkey (TUBITAK).
2	06/2019-11/2019 Auxiliary Staff under ““Autumn school in machine learning” project, funded by Shota Rustaveli National Science Foundation and International Black Sea University.
3	10/2017-05/2018 Principal Investigator under “Tableaux Calculus for Unranked Logics”(PhD_F_17_218) project, funded by Shota Rustaveli National Science Foundation
4	2014-2017 Auxiliary Staff under “Automated and Interactive Theorem Proving in Schemata and Unranked Logics” (FR/51/4-102/13) project, funded by Shota Rustaveli National Science Foundation.

5	2019 International Conference of the Mathematicians Union of Georgia, talk –"About Modeling MaTRU-based Protocols in Maude-NPA", Batumi, Georgia
6	2018 The Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics, talk- „Skolemization in Unranked Logics“ ; Tbilisi, Georgia
7	2008-2019 Ivane Javakhishvili Tbilisi State University, Vienna –Tbilisi international summer school in logic, language and computation. Tbilisi, Georgia
8	2018 Second SYSMICS Workshop on Substructural logics: semantics, proof theory, and applications; Vienna , Austria
9	2018 Interdisciplinary Conference of Students and Young Scientists: talk-„Skolemization in Unranked Logics“; Tbilisi, Georgia
10	2017 Interdisciplinary Conference of Students and Young Scientists talk-“Using tableaux calculus in semantic web”, Tbilisi, Georgia
11	2017 The Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics, talk –“Using informational technologies in teaching process”; Tbilisi, Georgia
12	2017 Twelfth International Symposium on Language, Logic and Computation, talk- “Tableaux Calculus for Unranked Logics” ; Lagodekhi, Georgia.
13	2016 The Enlarged Sessions of the Seminar of I. Vekua Institute of Applied Mathematics, talk “Unification in unranked logic”, Tbilisi, Georgia
14	2015 Eleventh International Tbilisi Symposium on Language, Logic and Computation, talk- „SemiAutomated Construction of Proof Schemata“, Tbilisi, Georgia.
15	2015 International Conference of the Mathematicians Union of Georgia talk-„About Correspondence Between Proof Schemata And Unranked Logics“; Batumi, Georgia