

Assistant Professor. Department of Computer Sciences, Faculty of Exact & Natural Sciences, Iv. Javakhishvili Tbilisi St. University, Room 354, University St. 13, Tbilisi 0186, Georgia
Phone: (+995 32 253 01 90),
Mobile: (+995 555 39 80 93),
e-mail: liana.lortkipanidze@tsu.ge,
llordkipanidze@gmail.com

Liana Lortkipanidze

Experience

- 1976-1980 Department of Autoimmunization Systems of Archil Eliashvili Institute of Control Systems Georgian Academy of Sciences, Programmer
- 1980-1996 Thematic expedition of Tbilisi Geological Management, Engineer-programmer
- 1996-2006 Department of Language and Speech Modelling LEPL Archil Eliashvili Institute of Control Systems, Scientific collaborator
- 2004-2009 Department of Control and Autoimmunization of Tbilisi Technical University, Invite Lector
- 2006-2011 Department of Language and Speech Systems of LEPL Archil Eliashvili Institute of Control Systems, senior researcher
- 2009-2010 Direction of computation sciences Faculty of Exact and Natural Sciences, Ivane Javakhishvili Tbilisi State University, Invite Lector
- 2011-2016 Department of the Computational Processing of Linguistic Data of Arnold Chikobava Institute of Linguistics, Chief scientific worker
- 2012 present Department of Language and Speech Systems of Archil Eliashvili Institute of Control Systems Georgian Technical University, Chief scientific worker
- 2010 present Direction of computation sciences Faculty of Exact and Natural Sciences, Ivane Javakhishvili Tbilisi State University, Assistant professor

Education

- 1971-1976 Tbilisi State University Faculty of Physics, Master's degree in nuclear physics of high energy

Research Interests

1. Programming Languages;
2. Computational Linguistics;
3. Language Processors and there computer implementation;
4. Knowledge accumulation automatic systems and there computer implementation;
5. Representation of Linguistic Knowledge by the data base;
6. Automatic systems of support of linguistic development;
7. Computer support of textual corpus and manager of corpus.

Teaching Courses

Basics of Programming
Programming on C++ object orientated language
Corpus Linguistics
Computational Linguistics

Performed Selected Projects

- 2015-2016 Georgian Word Net Compiler – GeWordNet. (Shota Rustaveli National Science Foundation #AR/84/4-105/14)
- 2012-2015 The Georgian National Corpus - creation of technological basis (Volkswagen Foundation, AZ 86154)
- 2013-2015 The Full (Morphological, Syntactical, Semantical) Annotation System of Georgian Language Corpora, Shota Rustaveli National Science Foundation # 31/65)
- 2013-2014 The Linguistic Portrait of Georgia III _ Morphological Annotation in Georgian Dialect Corpus and Creating a Large Dialect lexicographic database. Shota Rustaveli National Science Foundation # 39/67)

Selected Publications

1. Lortkipanidze L., Beridze M., Nadaraia D.: The Georgian Dialect Corpus: Problems and Prospects. "Historical Corpora. Challenges and Perspectives". Narr Francke Attempto Verlag GmbH & Co. KG • editorial department Tillmann Bub Dischinger Weg 5, 72070 Tübingen, Jost Gippert / Ralf Gehrke (eds.) (= CLIP, Vol. 5), 2015
2. Lortkipanidze L., Beridze M., Nadaraia D.: Dialect Dictionaries with the Functions of Representativeness and Morphological Annotation in Georgian Dialect Corpus. Theoretical Computer Science and General Issues. 10th International Tbilisi Symposium on Logic, Language, and Computation, TbiLLC 2013, Gudauri, Georgia, September 23-27, 2013, Revised Selected Papers. Publisher: Springer-Verlag Berlin Heidelberg, 2015.
3. Lortkipanidze L.: Vector space model and Georgian text processing. Proceedings of the Archil Eliashvili Institute of Control Systems of the Georgian Technical University 19, 2015
4. Lortkipanidze L., Amirezashvili N., Chutkerashvili A., Javashvili N., Samsonadze L.: Syntax Annotation of the Georgian Literary Corpus. Theoretical Computer Science and General Issues. 11th International Tbilisi Symposium on Logic, Language, and Computation, TbiLLC 2015, Tbilisi, Georgia, 21-26 September, 2015, Revised Selected Papers. Publisher: Springer-Verlag Berlin Heidelberg, 2017