

CURRICULUM VITAE

Tatiana A. Litvinova

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CONTACT INFORMATION

Name Tatiana A. Litvinova
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EDUCATION

2007 - 2009 Voronezh State University, Ph.D.
Major: Russian language
Advisor: Gennadi Kovalev, Doctor of Science

2001 - 2006 Voronezh State University, specialist degree
Major: Philology

ACADEMIC EMPLOYMENT

September 2016
Present **Head of Corpus Sociolinguistics
and Authorship Profiling Lab (RusProfiling Lab),**
(Voronezh State University,
Voronezh State Pedagogical University, Kurchatov Institute)

August 2016-
September 2013 **Senior Researcher**, Voronezh State Pedagogical University

June 2013 -
September 2007 **Researcher Assistant**, Voronezh State University

HONORS AND AWARDS

2016 **Outstanding Young PhD Researcher Award**
Awarded by the President of Russian Federation for the works entitled
“Detection of suicidal tendencies among youngsters by analyzing their speech”

- 2014 **Outstanding Young Researcher Award**
Awarded by the Government of Voronezh region for the works on authorship profiling

PROFESSIONAL AFFILIATIONS AND SERVICES

Ad-hoc Reviewer

Journal of Voronezh State University
Journal of Voronezh State Pedagogical University

Professional Organization Member

National Association of Applied Linguistics (NOPRIL)
Russian Cognitive Linguists Association (RALK)

Grant Proposal Reviewer

Russian Foundation for Basic Research (RFBR)

PUBLICATIONS

78 publications starting from 2011

BOOKS

Litvinova T., Litvinova O. (2015) Authorship identification and profiling based on written text analysis. Voronezh: Voronezh State Pedagogical University, 2015. 332 pp. ISBN 978-5-600-01230-1 (in Russian)

PEER-REVIEWED JOURNAL ARTICLES AND CONFERENCE PAPERS

Litvinova T. (2014). Profiling the author of a written text in Russian, *Journal of Language and Literature*, Vol. 5. No. 4. pp. 210–216.

Litvinova T.A., Seredin P.V., Litvinova O.A. (2015). Using part-of-speech sequences frequencies in a text to predict author personality: A corpus study, *Indian Journal of Science and Technology*, Vol. 8, N 9 [S. 1.], p. 93-97.

Litvinova T., Seredin P., Litvinova O., Zagorovskaya O., Sboev A., Gudovskih D., Moloshnikov I., Rybka R. (2016). Gender prediction for authors of Russian texts using regression and classification techniques, *CEUR Workshop Proceedings*.

Litvinova, T.A., Zagorovskaya, O.V., Seredin P.V. (2016) Profiling a set of personality traits of text author: What our words reveal about us, *Research in Language*, vol. 4, Iss. 4.

Litvinova, T.A., Seredin P.V., Litvinova O., Zagorovskaya, O.V., (2016) Identification of gender of authors of written texts based on quantitative parameters: Cognitive approach, *Voprosy Kognitivnoy Lingvistiki*, vol. 4, pp. 51-59.

Litvinova T., Litvinova O., Zagorovskaya O., Seredin P., Sboev A., Romanchenko O. (2016). “Ruspersonality”: a Russian Corpus for Authorship Profiling and Deception Detection, In

- Proceedings of Proceedings of International FRUCT conference on Intelligence, Social Media and Web (FRUCT 2016)*. pp. 1-7.
- Litvinova T.**, Zagorovskaya O., Litvinova O., Seredin P. (2016) Profiling a Set of Personality Traits of a Text's Author: A Corpus-Based Approach, *Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)*, vol. 9811, pp. 555–562.
- Sboev A.G., **Litvinova T.A.**, Gudovkikh D.V., Rybka R.B., Moloshnikov I.A. (2016). Machine Learning Models of Text Categorization by Author Gender Using Topic-Independent Features. *Procedia Computer Science*, vol. 101C, pp. 134-141
- Litvinova T.**, Ryzhkova E., Litvinova O. Features of Written Texts of People with Different Profiles of the Lateral Brain Organization of Functions (on the Basis of RusNeuroPsych Corpus) (2016). In Botinis A. (ed.). *Proceedings of the 7th Tutorial and Research Workshop on Experimental Linguistics (Exling 2016) (1-2 July 2016, Saint Petersburg, Russia)*. Saint Petersburg State University, International Speech Communication Association, University of Athens, pp. 103-106.
- Litvinova T.**, Litvinova O. Russian Deception Bank: A Corpus for Automated Deception Detection in Text (2016). In A. Horák, K. Pala, P. Rychlý, A. Rambousek (Eds.): *Community-based Building of Language Resources (CBBLR 2016)*, pp. 1–7.
- Litvinova T.**, Litvinova O. Authorship Profiling in Russian-Language Texts (2016). In Mayaffre D. et al. (eds.) *Proceedings of JADT 2016: 13^{ème} Journées internationales d'Analyse statistique des Données Textuelles*. Nice, France. CNRS. Université Nice Sophia Antipolis. Vol. 2. pp. 793-798
- Sboev A.G., **Litvinova T.A.**, Vlasov D.S., Serenko A.V., Moloshnikov I.A. (2016) On the applicability of spiking neural network models to solve the task of recognizing gender hidden in texts. *Procedia Computer Science*, vol. 101C, pp. 187–196
- Sboev A., **Litvinova, T.**, Voronina I., Gudovskikh D., Rybka R. (2017) Deep learning network models to categorize texts according to author's gender and to identify text sentiment, *Proceedings - 2016 International Conference on Computational Science and Computational Intelligence, CSCI 2016*.
- Litvinova O., Seredin P., **Litvinova T.**, Lyell J. (2017). Deception detection in Russian texts, In *EACL 2017. European Chapter of the Association for Computational Linguistics. Proceedings of the Student Research Workshop*.
- Litvinova T., Seredin P., Litvinova O., Zagorovskaya O., Ryzhkova E., Romanchenko O.** (2017) Distinguishing Truthful and Deceptive Texts in Russian, *Springer Communications in Computer and Information Science series* (accepted for publication)
- Litvinova T.A.**, Seredin P.V., Litvinova O.A., Zagorovskaya O.V. Identification of Suicidal Tendencies of Individuals Based on the Quantitative Analysis of Their Internet Texts, *Computación y Sistemas*, vol. 2, no. 22 (accepted for publication)

MANUSCRIPTS IN PREPARATION/SUBMITTED FOR REVIEW

- Litvinova T.**, John Lyell, Ekaterina Ryzhkova, Evgeni Larin (under review). Building a corpus of real texts for deception detection
- Litvinova T.**, Pavel Seredin, Olga Litvinova, Ekaterina Ryzhkova (under review). Estimating the similarities between texts of right-handed and left-handed males and females.

CURRENTLY FUNDED RESEARCH GRANTS

Russian Foundation for Humanities, project number № 15-34-01221 «Detecting deception in Russian written text: a corpus study», 2015-2017 (PI)

Russian Foundation for Basic Research, project number 16-36-00036 "Linguistic parameters of a written text and neuropsychological characteristics of its author: a corpus study ", 2016-2017 (PI)

Russian Science Foundation, project number 16-18-10050 “Predicting gender and age of Internet users based on their texts”, 2016-2018 (Co-PI)

COMPLETED RESEARCH GRANTS

Russian Foundation for Basic Research, project number 13-06-00016 "Prediction the personality of written text author", 2013-2014 (Co-PI)

Russian Foundation for Basic Research, project number 15-36-50104 «Formal parameters of a written text and personality of its author: a corpus study», 2015 (PI)

REFERENCES

Available on Request