

Denis Paperno

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Current position

Postdoctoral fellow at the Language, Interaction and Computation Laboratory (CLIC), Interdepartmental Centre for Mind/Brain Sciences (CIMEC), University of Trento, Italy.

Interests

Semantics	coordination; quantification; negative concord; NPI; plurals
Computational	learnability; logic and games; distributional semantics; formal language theory
Field linguistics	African languages; Finno-Ugric Languages; Mayan; Daghestanian
Syntax	syntactic typology; coordination; Hybrid Coordination; Categorical Grammar

Education

2012	PhD in Linguistics, UCLA. Thesis: <i>Semantics and Syntax of Non-Standard Coordination</i>
2009	MA in Linguistics, UCLA. Thesis: <i>On the Syntax and the Semantics of Hybrid Coordination Construction in Russian</i>
2006	Specialist (MA equivalent) in Theoretical and Applied Linguistics, Moscow State University. Thesis: <i>Basic Syntax of the Beng Language</i>
2006	Leipzig Spring School on Linguistic Diversity
2003,2005	Linguistic Society of America Summer Institutes at Michigan State University and MIT/Harvard

Teaching Experience

2011	Tutor for <i>Introduction to Semantics</i> at UCLA (taught by Terence Parsons).
2008-2010	Teaching assistant at UCLA Linguistics Department for courses: <i>Introduction to Linguistic Theory</i> (2008, 2009), <i>Language Processing</i> (2009), <i>Introduction to Language</i> (2010).
2006-2007	Moscow State University. Undergraduate workshop on Beng language.
2005	Tutor of Old Church Slavonic at Moscow State University.
2003-2005	Moscow State University. Workshops for high school students organized by Moscow University: <i>Phonology</i> , Fall 2003; <i>Old Church Slavonic</i> , Spring and Fall 2004, Spring 2005; <i>Introduction to Mathematical Logic</i> , Fall 2005 (with Filipp Dudchuk).

Honors

- 2011-2012 Margaret Bonner Dissertation Year Fellowship
2011 UCLA Linguistics Department Summer Research Grant "Hybrid Coordination: Beyond Russian"
2010-2011 UCLA President's Fellowship
2010 UCLA Linguistics Department Summer Research Grant "Revisiting Hybrid Coordination"
2009 UCLA Linguistics Department Summer Research Grant "A Brief Beng French Lexicon"
2005 LSA Fellowship to attend the 2005 LSA Institute
2000 First prize in St. Petersburg "Olympiad in linguistics and mathematics", a competition in linguistics for high school students;
1996 first prize in St. Petersburg "Olympiad in mathematics", a contest for high school students

Service

- 2012 Reviewer for *Natural Language and Linguistic Theory*
2012 Reviewer for *Architectures and Mechanisms for Language Processing 2012* conference
2011-2012 Reviewer for *Mandenkan*, a journal of Mandé linguistics
2003-2007 Initiator and secretary of the renewed seminar *Nekotorye primenenija matematičeskix metodov v jazykoznanii* [Some applications of mathematical methods in linguistics] (Moscow State University).
2007 Co-supervised a senior essay by Maria Khachatryan, *A Typology of Split Person Marking Strategies* (Moscow State University).
2006 Organizer of a conference in honor of the 50th anniversary of the seminar *Nekotorye primenenija matematičeskix metodov v jazykoznanii*

Collective Projects

- 2012- Relationship between formal semantics and compositional distributional semantic models. Principal Investigator: Dr. Marco Baroni
2002-2007 Study of South Mandé Languages, under the directorship of Valentin Vydrin (St. Petersburg) and Thomas Bearth (Zürich)
2005-2006 Ontological Semantics in Moscow: database for a meaning-based search. Sponsored by Hakia, Inc. (www.hakia.com)
2003-2005 National Corpus of Russian Language. (www.ruscorpora.ru). POS tag disambiguation.

Publications and talks

Edited Volumes

- 2012 (with Edward L. Keenan) *Handbook of Quantification in Natural Language*. Springer. (contributor, co-editor, co-author of *Introduction* and *Overview*)
2012 *Papers in Semantics*. Special Issue of UCLA Working Papers in Linguistics, Vol. 16. <http://www.linguistics.ucla.edu/faciliti/wpl/issues/wpl16/wpl16.html>

Articles

Asterisk (*) marks peer-reviewed articles.

- *Under revision Interpreting Negative Concord. Under revision

- to appear Conjunction is parallel processing. In *Proceedings of Semantics And Linguistic Theory 22*, eLanguage, 2012.
- *2012 Quantification in Standard Russian. In: Edward L. Keenan, Denis Paperno (eds.). *Handbook of Quantification in Natural Language*. Springer, 2012.
- *Forthcoming Adaptacija russkix zaimstvovanij v komi jazyke [Adaptation of Russian Borrowings in Komi]. In S. Krylov (ed.). *Sbornik statej k 50-letiju A. K. Polivanovoj*.
- *2011 Semantics Of Hybrid Coordination in Russian: New Evidence. In: Wayles Browne et al. *Proceedings of Formal Approaches to Slavic Linguistics 18: The Second Cornell Meeting*. Michigan Slavic Publications, Ann Arbor.
- 2011 Otricatel'nye konstrukcii finno-ugorskix jazykov kak problema teorij jazyka [Negative constructions of Finno-Ugric languages as a problem of theory of language]. In N. Serdobol'skaja and S. Toldova (eds.). *Finno-ugorskij sbornik*, Moscow.
- 2011 Očerki grammatiki jazyka ben [Grammatical sketch of Beng], Trudy ILI [Acta of the Institute of Linguistic Studies]. St. Peterburg.
- 2011 Jazyk gbin: predvaritel'nye nabljudenija [Gbin language: preliminary observations] In E. V. Perexval'skaja, A. Ju. Želtov (eds.) *Le monde Mandé*. Nestor-Istorija, Saint-Petersburg, 2011, 94–99.
- 2009 Ograničenija v morfosintaksise: "zagovor" v ben [Constraints in Morphosyntax: A Conspiracy in Beng]. *Afrikanskij sbornik 2009*. Saint Petersburg, MAE RAN, 2009, 391-402.
- 2008 Otnositel'nye konstrukcii v jazyke ben [Relative constructions in Beng]. *Afrikanskij sbornik 2007*. Ed. V. F. Vydrin. Saint Petersburg, Nauka, 2008, 306–319.
- 2007 (with Rui Pedro Chaves) On the Russian Hybrid Coordination Construction. In *Proceedings of the 14th International Conference on Head-Driven Phrase Structure Grammar*, CSLI Publications, 46–64.
- 2007 Konferencija, posvyaščennaja 50-letiju seminara "Nekotorye primenenija matematičeskix metodov v jazykoznanii" [Jubilee conference of the seminar "Some applications of mathematical methods in linguistics"] (chronical note) In *Voprosy jazykoznanija*, 2007, #2
- *2006 Lichnye mestoimenija v ben [Personal Pronouns in Beng], Trudy ILI [Acta of the Institute of Linguistic Studies]. St. Petersburg, Vol. II, part 2. 2006, pp. 420–449
- *2005 Les pronoms personnels en beng [Personal Pronouns in Beng] In *Mandenkan: Bulletin d'études linguistiques Mandé*. ISSN 0752-5443, Numero 41, Eté 2005, pp. 63–79.
- Narrativnyj infinitiv / imperfekt indikativa u Sallustija [Infinitive of narration / Indicative Imperfect in Sallust], *Aničkovskij vestnik* 20, Saint Petersburg, 2001.

Manuscripts

- 2010 Natural Language Quantifiers and Learnability
- 2010 Free word order and constituency (in Bare Grammar)
- 2008 Can stable automorphisms on languages change categories?
- 2007 Balto-Slavic and Prospects of Reconstruction of the Proto-Indo-European Accentual System
- 2006 On the Uses of So-called Evidential Form in Archi

2005 Old Russian *plamenyj/plamjanyj*: dialectal differences in adjectival morphology

Conference Talks

- 2013 An Alternative Semantics for Negative Conjunction in Russian. LSA Meeting, Boston
- 2012 Comitative Coordination in Q'anjob'al. Semantics of Underrepresented Languages of America 7, Cornell University
- 2012 Conjunction is Parallel Processing. Semantics and Linguistic Theory 22, Chicago University
- 2012 A Tono-Syntactic Rule in Beng. 43 Annual Conference on African Linguistics, Tulane University
- 2011 100 Year Old Language Documentation: Preliminary Notes on the Gbin Language. 3rd Colloquium on Mandé Languages and Linguistics. LLACAN, Paris
- 2010 Compositional Interpretation of Negative Concord Items: Evidence from Coordination. 5th Annual Slavic Linguistic Society Meeting.
- 2009 Semantics Of Hybrid Coordination in Russian: New Evidence. Formal Approaches to Slavic Linguistics, Cornell University, May 2009.
- 2007 Relativization in Beng. D. A. Olderroge Colloquium. Saint Petersburg, 2007.
- 2006 Types of Toponyms and the Syntax of Toponymic Constructions. Leipzig Students' Conference in Linguistics, March 2006.
- 2005 Nediscurzivnye grammatičeskie kategorii: gde oni?
[Non-discursive grammatical categories – where are they?], 4th School of Typology, Cakhkadzor, September 2005.
- 2005 Aspekt v jazyke ben [Aspect in Beng], 10th International Conference in African Studies, Moscow (Institut of African Studies and Institute of Linguistics, Russian Academy of Sciences), May 2005.
- 2004 Vydelenie veršiny v toponimičeskix konstruktsijax
[On Defining Head in Toponymic Constructions]. 2nd International Symposium on the Languages of Europe, Northern and Central Asia. Kazan', 2004.
- 2004 Ob odnom sposobe predstavlenija morfonologičeskix svedenij
[On a Way to Represent Morphophonological Data]. Student Conference at Petersburg University's Philological Faculty, 2004.
- 2003 Sklonenie v komi
[Declension in Komi]. Student Conference at Petersburg University's Philological Faculty, 2003.
- 2002 Opredeľennyj artikl' v ben
[Definite article in Beng]. Conference: "Africa in Petersburg – Petersburg in Africa", 2002.
- 2002 Formal'nyj algoritm latinskogo slogodelenija
[A Formal Algorithm for Latin Syllabification]. Student Conference at Petersburg University's Philological Faculty, 2002.
- 2001 Narrativnyj infinitiv / imperfekt indikativa u Sallustija
[Infinitive of narration / Indicative Imperfect in Sallust]. Anichkov Lyceum Student Conference, 01.2001

Review Articles

- 2010 (with Edward L. Keenan) Stanley Peters and Dag Westerståhl. Quantifiers in Language and Logic. OUP, New York, 2006. Linguistics and Philosophy (2010) Vol. 33 No. 6, pp. 513–549.
- 2004 R. M. W. Dixon, A. Y. Aikhenvald (eds.). Word: A Cross-Linguistic Typology. Cambridge, Cambridge UP, 2002, Voprosy jazykoznanija 5, 2004, pp. 138–142.

Work Experience

- 2012 Engineer, Applied Mathematics Lab. Russian Academy of Sciences, Institute of Mathematical Problems of Biology
- 2008–2012 University of California, Los Angeles (www.ucla.edu). Teaching Assistant/Graduate Student Researcher. Instruction of linguistics courses, research; programming projects: syntactic tree visualization (with Ed Stabler), Field Methods database improvements (with Pam Munro).
- 2008–2010 Business Semantics, Inc. (business-semantics.com). Consultant. Development of information extraction project Lumina
- 2006–2007 Avicomp Services CJSC (avicomp.ru). Linguistic consultant. Development of the Ontos Semantic Web project.

Languages

Living

Russian (native); English (near native); French (fluent); German (intermediate); Hungarian (some reading ability), Hebrew (some reading ability)

Dead

Latin, Old Russian, Old Church Slavonic, Ancient Greek, Old English, Gothic, Sanskrit, Gbin (Mandé).

Fieldwork Languages

Beng (Mandé), Bezhta (Daghestanian), Archi (Daghestanian), Komi (Uralic), Udmurt (Uralic), Q'anjob'al (Mayan).

Linguistic Field Projects

- 2011–2012 Q'anjob'al language project under directorship of Pamela Munro (UCLA).
- Summer 2006 Dagestan. Participated in Archi language documentation project.
- 2004, 2005, 2006 Three winter trips to Ivory Coast, within the group investigating South Mandé languages. Gathered materials on the grammar and lexicon of Beng.
- Summer 2004 Udmurt republic. Gathered materials for the study of phonetics and phonology of the Permian Bersmian dialect. (Moscow University project.)
- Summer 2003 Dagestan. Gathered materials for the study of NP syntax and noun modifier morphology in the Tliadal dialect of Bezhta. (Moscow University project.)
- Winter 2003 Komi Republic. Gathered texts and materials for a study of Russian borrowings in Komi (Zyrian). (Moscow University project.)
- Summer 2002 Komi Republic. Pechora dialect of Komi (Zyrian). (Moscow State University.)