

Niko Tapio Partanen

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Born: December 23, 1986–Finland

Current position

Senior Specialist, Institute for the Languages of Finland.

I'm conducting my PhD studies in the University in Helsinki in summer 2019, the estimated year of graduation being 2021. The work is conducted within the research project **Language Documentation meets Language Technology: The Next Step in the Description of Komi**.

Areas of specialization

I study sociolinguistic variation in the Permic languages and investigate the applicability of computational methods to documentary linguistics data. My earlier research has also focused on linguistic endangerment and revitalization.

I have worked extensively with archiving and data management practices, with a focus on information retrieval from documents and storage of metadata about archive items.

Positions held & Grants received

2017-2018	Visiting researcher, Lattice laboratory
2017-2021	Co-applicant in project Language Documentation meets Language Technology: The Next Step in the Description of Komi , funded by Kone Foundation. Remaining personal grant: 24 months.
2015-2017	Software developer, INEL / Hamburger Zentrum für Sprachkorpora
2014-2015	PhD student in project Izhva Komi Language Documentation , funded by Kone Foundation. Freiburg Research Group in Saami Studies. Used personal grant: 22 months.
2013	PI in project Down River Vashka , Komi (Udora dialect), funded by Kone Foundation and MinorEuRus. Used personal grant: 1 month.

Education

- 2013 MA in Finno-Ugric linguistics, University of Helsinki
2013 BA in Finno-Ugric linguistics, University of Helsinki
fall 2011 north2north program exchange student, Syktyvkar State University

Grants, honors & awards

- 2014 VIETS Master Thesis Prize, Finnish Association for Russian and Eastern European Studies

Publications and Presentations

Journal articles and final papers

- 2019 Partanen, Niko, and Michael Rießler: An OCR system for the Unified Northern Alphabet. Proceedings of the Fifth International Workshop on Computational Linguistics for Uralic Languages. 2019. URL: <https://www.aclweb.org/anthology/W19-0307>
- 2018 Niko Partanen, Rogier Blokland, Kyungtae Lim, Thierry Poibeau, Michael Rießler: The First Komi- Zyrian Universal Dependencies Treebanks. Universal dependencies Workshop, Brussels, Belgium, 2018: 126-132. URL: <https://www.aclweb.org/anthology/W18-60#page=140>
- 2018 KyungTae Lim, Niko Partanen & Thierry Poibeau: Multilingual Dependency Parsing for Low-Resource Languages: Case Studies on North Saami and Komi-Zyrian. Proceedings of the 11th Language Resources and Evaluation Conference, 7.–12.5.2018, Miyazaki, Japan. URL: <http://www.lrec-conf.org/proceedings/lrec2018/pdf/600.pdf>
- 2018 Niko Partanen, KyungTae Lim, Michael Rießler & Thierry Poibeau: Dependency Parsing of Code-Switching Data with Cross-Lingual Feature Representations. Proceedings of the Fourth International Workshop on Computational Linguistics of Uralic Languages, s. 1–17. URL: <http://www.aclweb.org/anthology/W18-0201>
- 2016 Ciprian Gerstenberger, Niko Partanen, Michael Rießler & Joshua Wilbur: Utilizing language technology in the documentation of endangered Uralic languages. Northern European Journal of Language Technology, 4, 29-47
- 2016 Partanen, Niko & Saarikivi, Janne (2016), Fragmentation of Karelian language and its community: growing variation at the threshold of the language shift. In: *Toivanen, Reetta & Saarikivi, Janne (eds.), New and Old Language Diversities, Multilingual Matters*
- 2014 Rogier Blokland, Michael Rießler, Niko Partanen, Marina Fedina & Andrei Chemyshev: Ispol'zovanie cifrovyyx korpusov i komp'yuternyyx programm v dialektologičeskix issledovaniyax: teoria i praktika. In: Khisamitdinova, F.G (ed). *Räsäj xalıqtary teldäre dialektologijahynyñ köñüädäk mäşäläläre. XIV Bötä Räsäj fänni konferenciya materialdary (Öfö, 20-22 nojabr', 2014 j.). Aktualnye problemy dialektologii jazykov narodov Rossii: Materialy XIV*

Vserossijskoj naučnoj konferencii (Ufa, 20-22 nojabrja 2014 g.). Ufa: IJaL UNC RAN. 252–255.

- 2013 Partanen, Niko (2013), Kahden suomalais-ugrilaisen yhteisön kielenvaihdon vertailevaa tarkastelua: Tuuksa Karjalassa ja Koigort Komissa (Comparative examination of the language shift in two Uralic speech communities: Tuuksa in Karelia and Koigort in Komi), *Unpublished Master Thesis, University of Helsinki*

- 2013 Partanen, Niko (2013), Kielenvaihdon tarkastelua Vuokkiniemellä ja Viteleellä: Vuosien 2004 ja 2010 kenttätöaineistojen analyysi (Observing the language shift in Vuokkiniemi and Vitele: analysis of the fieldwork materials from 2004 and 2010), *Unpublished Bachelor Thesis, University of Helsinki*

PRESENTATIONS

- 2017 Niko Partanen: Issues with archiving linguistic data. Perspectives from work on Permic languages. Travaux de terrains anthropologiques et linguistiques : expériences et difficultés. 20, May, INALCO, Paris, France
- 2017 Ciprian Gerstenberger, Niko Partanen & Michael Rießler: Instant annotations in ELAN corpora of spoken and written Komi-Zyrian, an endangered language of the Barents Sea region (Russia). ComputEL-2 (2nd Workshop on Computational Methods for Endangered Languages). 6-7 March, 2017, Honolulu, Hawaii
- 2017 Niko Partanen: Challenges in OCR today. Report on experiences from INEL. Conference: Electronic Writing of RF Peoples: History, Issues, and Perspectives. 17 March, 2017, Syktyvkar
- 2017 Niko Partanen: Russian influence across Komi registers. Colloquium "From Language Mixing to Fused Lects", Freiburg Institute for Advanced Studies, Albert-Ludwigs-Universität Freiburg, 25.–27. January, 2017, Freiburg
- 2016 Daniel Jettka, Timm Lehmberg & Niko Partanen: Digital workflows. INEL workshop. 03. November, 2016. INEL / Hamburger Zentrum für Sprachkorpora, Hamburg.
- 2016 Niko Partanen: Russian influence on Izva Komi sibilant articulation. SLE conference, 25. August, 2016, Naples, Italy
- 2015 Hanna Thiele, Niko Partanen & Michael Rießler: Exploring constituent order variation in selected languages of the Barents Sea area. Transalpine Typology Meeting, 8–9 October, 2015, Lyon, France
- 2015 Rogier Blokland, Michael Rießler, Niko Partanen & Joshua Wilbur: A critical evaluation of past, current and future approaches in Uralic language documentation. XII International Congress for Finno-Ugric Studies, 17–20 August, 2015, Oulu, Finland

2015

Partanen, Niko & Saarikivi, Janne: Linguistic variation in the Karelian communities. XII International Congress for Finno-Ugric Studies, 17–20 August, 2015, Oulu, Finland

2014 Rogier Blokland, Ciprian Gerstenberger, Marina Fedina, Niko Partanen, Michael Rießler, and Joshua Wilbur: Language documentation meets language technology. First International Workshop on Computational Linguistics for Uralic Languages. 16th January, 2015, Tromsø, Norway

2013 Saarikivi, Janne & Partanen, Niko: Rapid extinction or relative revitalization? Karelian and Komi language communities in comparison. International Conference on Minority Languages XIV, 11–14 September 2013, Graz, Austria

2012 Partanen, Niko: Poster presentation: Language shift in Komi, Sociolinguistics Symposium 19, Berlin

TEACHING

2017 Using ELAN to create and analyse spoken corpus, June 1–8. (Syktyvkar State University)

LANGUAGE SKILLS

Finnish: native

Zyrian Komi: very good

English: very good

Italian: good

Russian: good

Swedish: conversational

German: conversational

Mandarin Chinese: beginner

French: actively learning

COMPUTER SKILLS

Good knowledge: R, Python, NLP tools, LaTeX, XML, GIS tools, OCR tools

Learning / actively using: machine learning tools, audio and image processing methods

RECENT FIELDWORK EXPERIENCE WITH PERMIC LANGUAGES

2016 Kola Peninsula, Murmanskij Oblast, two weeks *Funded by Kone Foundation*

2015 Different regions in Udmurtia, ten days *No external funding*

2015 Izhemsky rayon, Komi Republic, five days *Funded by Развития фундаментальных лингвистических исследований*

2015 Naryan-Mar, Nenetskiy Autonomous Okrug, two weeks *Funded by Kone Foundation*

2014 Izhemsky rayon, Komi Republic, two weeks *Funded by Kone Foundation*

2013 Udorsky rayon, Komi Republic, a month *Funded by Kone Foundation and MinorEuRus*

2013 Olonetsky rayon, Republic of Karelia, a week *Funded by University of Helsinki*

2012	Koygorodsky rayon, Komi Republic, two weeks <i>Funded by MinorEuRus</i>
2012	Olonetsky rayon, Republic of Karelia, two weeks <i>Funded by University of Helsinki</i>
2011	Pryazhinsky rayon, Republic of Karelia, two weeks <i>Funded by University of Helsinki</i>
2010	Olonetsky rayon, Republic of Karelia, a week <i>Funded by University of Helsinki</i>