

Publication List

BEHRANG QASEMIZADEH

- [1] Behrang Qasemizadeh and Laura Kallmeyer. “HHU at SemEval-2017 Task 2: Fast Hash-Based Embeddings for SemanticWord Similarity Assessment”. In: *SemEval*. Vancouver, Canada: ACL, 2017.
- [2] Agata Savary, Carlos Ramisch, Silvio Cordeiro, Federico Sangati, Veronika Vincze, Behrang Qasemizadeh, Marie Candito, Fabienne Cap, Voula Giouli, Ivelina Stoyanova, and Antoine Doucet. “The PARSEME Shared Task on Automatic Identification of Verbal Multiword Expressions”. In: *MWE 2017*. Valencia, Spain: Association for Computational Linguistics, 2017, pp. 31–47. URL: <http://www.aclweb.org/anthology/W17-1704>.
- [3] Aurelie Herbelot and Behrang Q. Zadeh. “You and me... in a vector space: modelling individual speakers with distributional semantics”. In: **SEM 2016: The Fifth Joint Conference on Lexical and Computational Semantics*. ACL, 2016, pp. 179–188. URL: <http://aclweb.org/anthology/S/S16/S16-2023.pdf>.
- [4] Behrang Qasemizadeh. “A Study on the Interplay Between the Corpus Size and Parameters of a Distributional Model for Term Classification”. In: *Proceedings of the 5th International Workshop on Computational Terminology (Computerm2016)*. Patrick Drouin and Natalia Grabar and Thierry Hamon and Kyo Kageura and Koichi Takeuchi. Osaka, Japan: The COLING 2016 Organizing Committee, 2016, pp. 62–72. URL: <http://aclweb.org/anthology/W16-4708>.
- [5] Behrang Qasemizadeh and Laura Kallmeyer. “Random Positive-Only Projections”. In: **SEM 2016: The Fifth Joint Conference on Lexical and Computational Semantics*. ACL, 2016, pp. 188–198. URL: <http://aclweb.org/anthology/S/S16/S16-2024.pdf>.
- [6] Behrang Qasemizadeh and Anne-Kathrin Schumann. “The ACL RD-TEC 2.0: A Language Resource for Evaluating Term Extraction and Entity Recognition Methods”. In: *Proceedings of the Tenth International Conference on Language Resources and Evaluation (LREC 2016)*. Ed. by Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Marko Grobelnik, Bente Maegaard, Joseph Mariani, Asuncion Moreno, Jan Odijk, and Stelios Piperidis. Portoroz, Slovenia: European Language Resources Association (ELRA), 2016. ISBN: 978-2-9517408-9-1. URL: http://www.lrec-conf.org/proceedings/lrec2016/pdf/681_Paper.pdf.
- [7] Behrang Qasemizadeh. “Investigating the Use of Distributional Semantic Models for Co-Hyponym Identification in Special Corpora”. PhD Thesis: Computer Science. National University of Ireland, Galway, June 2015. URL: <http://hdl.handle.net/10379/5205>.
- [8] Behrang Qasemizadeh. “Random Indexing Revisited”. In: *Natural Language Processing and Information Systems*. Ed. by Chris Biemann, Siegfried Handschuh, Andre Freitas, Farid Meziane, and Elisabeth Metais. Vol. 9103. Lecture Notes in Computer Science. Springer International Publishing, June 2015, pp. 437–442. ISBN: 978-3-319-19580-3. DOI: [10.1007/978-3-319-19581-0_43](https://doi.org/10.1007/978-3-319-19581-0_43).
- [9] Behrang Qasemizadeh. “Random Manhattan Indexing: An Incremental Word Space Model”. In: *DGfS-CL Postersession 2015*. Deutschen Gesellschaft für Sprachwissenschaft. Universität Leipzig, Mar. 2015.
- [10] Behrang Qasemizadeh and Siegfried Handschuh. “Random Indexing Explained with High Probability”. In: *Text, Speech and Dialogue*. Ed. by Pavel Kral and Vaclav Matousek. Vol. 9302. Lecture Notes in Artificial Intelligence. Pilsen, Czech: Springer International Publishing Switzerland, Sept. 2015, pp. 480–489. DOI: [10.1007/978-3-319-24033-6_47](https://doi.org/10.1007/978-3-319-24033-6_47).

- [11] Anne-Kathrin Schumann and Behrang QasemiZadeh. *The ACL RD-TEC Annotation Guideline: A Reference Dataset for the Evaluation of Automatic Term Recognition and Classification*. Annotation Guidelines Ver. 2.6. Saarland University, Oct. 2015. DOI: [10.13140/RG.2.1.1939.1446](https://doi.org/10.13140/RG.2.1.1939.1446).
- [12] Anne-Kathrin Schumann and Behrang QasemiZadeh. "Tracing Research Paradigm Change Using Terminological Methods: A Case Study on "Machine Translation" in the ACL Anthology Reference Corpus". In: *Proceedings of the conference Terminology and Artificial Intelligence*. Ed. by Pamela Faber and Thierry Poibeau. Granada, Spain, Nov. 2015, pp. 115–122.
- [13] Behrang Q. Zadeh and Siegfried Handschuh. "Random Manhattan Integer Indexing: Incremental L1-Normed Vector Space Construction". In: *Proceedings of the 2014 Conference on Empirical Methods in Natural Language Processing (EMNLP)*. Ed. by Alessandro Moschitti, Bo Pang, and Walter Daelemans. Doha, Qatar: Association for Computational Linguistics, Oct. 2014, pp. 1713–1723. URL: <http://www.aclweb.org/anthology/D14-1178>.
- [14] Behrang Q. Zadeh and Siegfried Handschuh. "The ACL RD-TEC: A Dataset for Benchmarking Terminology Extraction and Classification in Computational Linguistics". In: *Proceedings of the 4th International Workshop on Computational Terminology (Computerm)*. Ed. by Patrick Drouin, Natalia Grabar, Thierry Hamon, and Kyo Kageura. Dublin, Ireland: Association for Computational Linguistics and Dublin City University, Aug. 2014, pp. 52–63. URL: <http://www.aclweb.org/anthology/W14-4807>.
- [15] Behrang QasemiZadeh. "Random Manhattan Indexing: A Randomized Scalable Method for Semantic Similarity Measurement in L1 Normed Spaces". In: *Book of Abstracts: Insight Student Conference*. Insight Centre, 2014. URL: https://www.insight-centre.org/sites/default/files/basic_pages_file/book_of_abstracts-electronic_version.pdf.
- [16] Behrang QasemiZadeh and Siegfried Handschuh. "Evaluation of Technology Term Recognition with Random Indexing". In: *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC'14)*. Ed. by Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Hrafn Loftsson, Bente Maegaard, Joseph Mariani, Asuncion Moreno, Jan Odijk, and Stelios Piperidis. Reykjavik, Iceland: European Language Resources Association (ELRA), May 2014, pp. 4027–32. ISBN: 978-2-9517408-8-4. URL: http://www.lrec-conf.org/proceedings/lrec2014/pdf/920_Paper.pdf.
- [17] Behrang QasemiZadeh and Siegfried Handschuh. "Random Manhattan Indexing". In: *Proceedings of the 25th International Workshop on Database and Expert Systems Applications (DEXA)*. Munich, Germany: IEEE, Sept. 2014, pp. 203–208. DOI: [10.1109/DEXA.2014.51](https://doi.org/10.1109/DEXA.2014.51). URL: <http://www.uni-weimar.de/medien/webis/events/tir-14/tir14-papers-final/zadeh14-random-manhattan-indexing.pdf>.
- [18] Behrang QasemiZadeh, Saeed Rahimi, and Mehdi Safaei Ghalati. "Challenges in Persian Electronic Text Analysis". In: *CoRR abs/1404.4740* (2014). First published in 2006 at the Second Persian Computational Linguist Workshop. URL: <http://arxiv.org/abs/1404.4740>.
- [19] Simon Scerri, Behrang QasemiZadeh, Maciej Dabrowski, and Ismael Rivera. "Extracting Information for Context-aware Meeting Preparation". In: *Proceedings of the Ninth International Conference on Language Resources and Evaluation (LREC'14)*. Ed. by Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Hrafn Loftsson, Bente Maegaard, Joseph Mariani, Asuncion Moreno, Jan Odijk, and Stelios Piperidis. Reykjavik, Iceland: European Language Resources Association (ELRA), May 2014, pp. 120–124. ISBN: 978-2-9517408-8-4. URL: http://www.lrec-conf.org/proceedings/lrec2014/pdf/1092_Paper.pdf.
- [20] Behrang Q. Zadeh and Siegfried Handschuh. "Investigating Context Parameters in Technology Term Recognition". In: *Proceedings of the COLING Workshop on Synchronic and Diachronic Approaches to Analyzing Technical Language*. Ed. by Adam Meyers, Yifan He, and Ralph Grishman. Dublin, Ireland: Association for Computational Linguistics and Dublin City University, Aug. 2014, pp. 1–10. URL: <http://www.aclweb.org/anthology/W14-6001>.

- [21] Behrang QasemiZadeh. *The ACL RD-TEC: A Reference Dataset for the Evaluation of Automatic Term Recognition and Classification in Computational Linguistics: Annotation Guidelines*. Annotation Guidelines. Galway, Ireland: National University of Ireland, Galway, 2013. URL: http://atmykitchen.info/datasets/acl_rd_tec/annotation_guideline/annotation-guideline.pdf.
- [22] Behrang QasemiZadeh, Paul Buitelaar, T. Q. Chen, and Georgeta Bordea. “Semi-Supervised Technical Term Tagging With Minimal User Feedback”. In: *Proceedings of the Eighth International Conference on Language Resources and Evaluation (LREC-2012)*. Ed. by Nicoletta Calzolari, Khalid Choukri, Thierry Declerck, Mehmet Uğur Doğan, Bente Maegaard, Joseph Mariani, Jan Odijk, and Stelios Piperidis. Istanbul, Turkey: European Language Resources Association (ELRA), May 2012, pp. 617–621. ISBN: 978-2-9517408-7-7. URL: http://www.lrec-conf.org/proceedings/lrec2012/pdf/342_Paper.pdf.
- [23] Behrang QasemiZadeh and Paul Buitelaar. “Why Reading Papers When EEEYORE Will do That for you!?” In: *Proceedings Of NUI Galway – UL Alliance First Annual Engineering And Informatics Research Day*. Ed. by Michael Madden, Peter Corcoran, Marcus Keane, and Sean McGrath. Galway, Ireland: NUI Galway and University of Limerick, Apr. 2011.
- [24] Behrang QasemiZadeh. “Towards Technology Structure Mining from Scientific Literature”. In: *The Semantic Web – ISWC 2010*. Ed. by Peter F. Patel-Schneider, Yue Pan, Pascal Hitzler, Peter Mika, Lei Zhang, Jeff Z. Pan, Ian Horrocks, and Birte Glimm. Vol. 6497. Lecture Notes in Computer Science. Shanghai, China: Springer Berlin Heidelberg, Nov. 2010, pp. 305–312. ISBN: 978-3-642-17748-4. DOI: [10.1007/978-3-642-17749-1_21](https://doi.org/10.1007/978-3-642-17749-1_21).
- [25] Behrang QasemiZadeh. *Towards Technology Structure Mining From Text By Linguistics Analysis*. Tech Report DERI TR 010-02-15. Lower Dangan, Galway: Digital Enterprise Research Institute, Feb. 2010.
- [26] Behrang QasemiZadeh and Paul Buitelaar. “Technology Structure Mining From Text by Linguistic Analysis”. In: *College of Engineering & Informatics: Research Day: DERI Research Session*. Galway, Ireland: NUI Galway, Apr. 2010, p. 15. URL: http://www.nuigalway.ie/faculties_departments/engineering/documents/abstracts_der_i.pdf.
- [27] Behrang QasemiZadeh, Paul Buitelaar, and Fergal Monaghan. “Developing a Dataset for Technology Structure Mining”. In: *Proceedings of 2010 IEEE Fourth International Conference on Semantic Computing (ICSC 2010)*. Pittsburgh, Pennsylvania, USA: IEEE, Sept. 2010, pp. 32–39. DOI: [10.1109/ICSC.2010.73](https://doi.org/10.1109/ICSC.2010.73).
- [28] Chris Fowler and Behrang QasemiZadeh. “Towards a Common Event Model for an Integrated Sensor Information System”. In: *Proceedings of the 1st International Workshop on the Semantic Sensor Web (SemSensWeb) Collocated with ESWC 2009*. Ed. by Oscar Corcho, Manfred Hauswirth, and Manolis Koubarakis. Vol. 468. CEUR Workshop Proceedings. Crete, Greece: CEUR, June 2009, pp. 1–13. URL: http://ceur-ws.org/Vol-468/semsensweb2009_submission_3.pdf.
- [29] Philip Hanna, Ian O’Neill, Darryl Stewart, and Behrang QasemiZadeh. “Development of a Java-Based Unified and Flexible Natural Language Discourse System”. In: *Proceedings of the 7th International Conference on Principles and Practice of Programming in Java (PPPJ ’09)*. Calgary, Alberta, Canada: Association for Computing Machinery, Aug. 2009, pp. 21–29. DOI: [10.1145/1596655.1596659](https://doi.org/10.1145/1596655.1596659).
- [30] Behrang QasemiZadeh. “Transcription of the Persian Language in the Electronic Format”. In: *CLUKI 2009 - 12th Annual Research Colloquium of the Special Interest Group for Computational Linguistics in the UK and Ireland*. 2009.
- [31] Behrang QasemiZadeh, Ian O’Neill, Philip Hanna, and Darryl Stewart. “A Data Model for Content Modeling of Temporal Media”. In: *Future Multimedia Networking*. Ed. by Andreas Mauthe, Sherali Zeadally, Eduardo Cerqueira, and Marilia Curado. Vol. 5630. Lecture Notes in Computer Science. Coimbra, Portugal: Springer Berlin Heidelberg, June 2009, pp. 194–199. ISBN: 978-3-642-02471-9. DOI: [10.1007/978-3-642-02472-6_18](https://doi.org/10.1007/978-3-642-02472-6_18).

- [32] Behrang QasemiZadeh, Jiali Shen, Ian O'Neill, Paul Miller, Philip Hanna, Darryl Stewart, and Hongbin Wang. "A Speech Based Approach to Surveillance Video Retrieval". In: *Proceedings of Sixth IEEE International Conference on Advanced Video and Signal Based Surveillance (AVSS 2009)*. Genoa, Italy: IEEE, Sept. 2009, pp. 336–339. DOI: [10.1109/AVSS.2009.54](https://doi.org/10.1109/AVSS.2009.54). URL: <http://hdl.handle.net/10379/4384>.
- [33] Behrang QasemiZadeh, Ian O'Neill, Philip Hanna, and Darryl Stewart. *Video Retrieval Using Natural Language: From Parse Tree to Database*. Technical Report 2008-isis. Belfast, UK: Queen's University Belfast, Oct. 2008.
- [34] Behrang QasemiZadeh. "Farsi e-Orthography: An Example of e-Orthography Concept". In: *Improving Non-English Web Searching (iNEWS07) SIGIR07 Workshop*. Ed. by Fotis Lazarinis, Jesus Vilares, and John I. Tait. Amsterdam, The Netherlands: ACM, July 2007, pp. 62–64.
- [35] Behrang QasemiZadeh, Saeed Rahimi, and Behrooz Mahmoodi Bakhtiari. "The First Parallel Multilingual Corpus of Persian: Toward a Persian BLARK". In: *Proceedings of the Second Workshop on Computational Approaches to Arabic Script-based Language (CAASL2)*. Ed. by Ali Farghali and Karine Megerdumian. Also available as arXiv preprint (arXiv:1404.4572). Stanford University, July 2007, pp. 114–119. URL: <http://dadegan.ir/catalogue/QasemiZadeh2007.pdf>.
- [36] Behrang QasemiZadeh, Said Rahimi, Morteza Salariyan, and Ali Bahari Salim. "Report of Constructing the First Parallel Multilingual Corpus of Farsi". Farsi. In: *Proceedings of the 12th International CSI Computer Conference (CSICC'2007)*. Tehran, Iran: Computer Society of Iran and Shahid Beheshti University, Feb. 2007, pp. 323–411. URL: <http://dadegan.ir/catalogue/QasemiZadeh1385.pdf>.
- [37] Restgou Haghi, Mohammadreza Kangavari, and Behrang QasemiZadeh. "A Novel Approach for Video Temporal Annotation". In: *Proceedings of the International Conference on Multidisciplinary Information Sciences and Technology (InSciT 2006)*. Vol. 1. Multidisciplinary information sciences and technologies; Current research in information sciences and technologies. Merida, Spain: Open Institute of Knowledge, 2006, pp. 279–282. ISBN: 9788461131044. URL: <http://arxiv.org/ftp/arxiv/papers/1404/1404.4543.pdf>.
- [38] Abbas Koochari, Majid Namnabat, Saeed Rahimi, Behrang QasemiZadeh, and Morteza Salariyan. *Modelling Duration in a Persian Text-to-Speech System Using Neural Networks*. Technical Report clonizer-sw-loc-1385-1. Published in Farsi. Enqelab St.. Tehran, Iran: Digital Clone, 2006.
- [39] Abbas Koochari, Behrang QasemiZadeh, M. Kasaeiyan, and Majid Namnabat. "Ezafé Prediction in Phrases of Farsi Using CART". In: *Proceedings of the International Conference on Multidisciplinary Information Sciences and Technology (InSciT 2006)*. Vol. 2. Multidisciplinary information sciences and technologies; Current research in information sciences and technologies. Merida, Spain: Open Institute of Knowledge, 2006, pp. 329–332. ISBN: 9788461131044. URL: <http://arxiv.org/ftp/arxiv/papers/1404/1404.4543.pdf>.
- [40] Behrang QasemiZadeh. "A Framework for Extracting Temporal Ontology From Annotated Multimedia/Video Data". Farsi. Published in Farsi. Master's thesis: Computer Engineering (Artificial Intelligence and Robotics). Tehran, Iran: Iran University of Science and Technology, Computer Engineering Department, Apr. 2006.
- [41] Behrang QasemiZadeh, H.R. Haghi, and Mohammadreza Kangavari. "A Framework for Temporal Content Modeling of Video Data Using an Ontological Infrastructure". In: *Proceedings of the Second International Conference on Semantics, Knowledge and Grid (SKG '06)*. IEEE Computer Society, Nov. 2006, pp. 38–38. DOI: [10.1109/SKG.2006.4](https://doi.org/10.1109/SKG.2006.4).
- [42] Behrang QasemiZadeh, Ali Ilkhani, and Amir Ganjeii. "Adaptive Language Independent Spell Checking Using Intelligent Traverse on a Tree". In: *IEEE Conference on Cybernetics and Intelligent Systems (CIS)*. Bangkok: IEEE, June 2006, pp. 1–6. DOI: [10.1109/ICCIS.2006.252325](https://doi.org/10.1109/ICCIS.2006.252325).

- [43] Behrang QasemiZadeh, Mohammadreza Kangavaria, and S. Hadi Rastgou Haghi. “Temporal Ontology for Video Data Modelling”. In: *Proceedings of the International Conference on Multidisciplinary Information Sciences and Technology (InSciT 2006)*. Multidisciplinary information sciences and technologies; Current research in information sciences and technologies. Merida, Spain: Open Institute of Knowledge, 2006. ISBN: 9788461131044. URL: <http://arxiv.org/ftp/arxiv/papers/1404/1404.4543.pdf>.
- [44] Behrang QasemiZadeh and Saeed Rahimi. “Persian in MULTEXT-East Framework”. In: *Advances in Natural Language Processing*. Ed. by Tapio Salakoski, Filip Ginter, Sampo Pyysalo, and Tapio Pahikkala. Vol. 4139. Lecture Notes in Computer Science. Springer Berlin Heidelberg, 2006, pp. 541–551. ISBN: 978-3-540-37334-6. DOI: [10.1007/11816508_54](https://doi.org/10.1007/11816508_54).
- [45] Behrang QasemiZadeh, Said Rahimi, Morteza Salariyan, Ali Torkamani, Heydar Semiyari, Abbas Koochari, Majid Namnabat, and Loghman Barari. “A Novel Approach for Morphological Analysis of Persian Words”. Farsi. In: *Proceedings of the 11th International CSI Computer Conference (CSICC’2006)*. Tehran, Iran: Computer Society of Iran and Institute for Research in Fundamental Sciences, Jan. 2006, pp. 323–411.
- [46] Loghman Barari and Behrang QasemiZadeh. “CloniZER Spell Checker Adaptive Language Independent Spell Checker”. In: *ICGST International Conference on Artificial Intelligence and Machine Learning (AIML-05)*. Ed. by Ashraf Aboshosha. Vol. 05. Cairo, Egypt: ICGST, Dec. 2005, pp. 65–71. URL: <http://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.91.7252&rep=rep1&type=pdf>.
- [47] Behrang QasemiZadeh. *A Study on Semantic Structure and Methods of Extracting Concepts from Video Data*. Seminar Report. Published in Farsi. Iran University of Science and Technology, 2005.
- [48] Behrang QasemiZadeh. *An Introduction to Expert System and Frame-Based Knowledge Representation Systems*. Report. Published in Farsi. Iran University of Science and Technology, Computer Engineering Department, 2005.
- [49] Behrang QasemiZadeh and Majid Namnabat. *An Architecture for a Farsi Text-to-Speech System*. Technical Report clonizer-SW-LOC-966. Published in Farsi. Digital Clone, Localisation Department, 2005.
- [50] Behrang QasemiZadeh and Saeed Rahimi. *A Lexicon for Farsi Words*. Technical Report clonizer-SW-LOC-1027. Published in Farsi. Digital Clone, Localisation Department, 2005.
- [51] Behrang QasemiZadeh and Saeed Rahimi. *A Study on Persian Derivational Morphology, Restriction of the Co-Occurrences, and its Application to Computational Morphology*. Technical Report clonizer-SW-LOC-1012. Published in Farsi. Digital Clone, Localisation Department, 2005.

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