

Publications

2019

1. Faisal Alshargi, Saeedeh Shekarpour, Tommaso Soru, Amit P. Sheth, Metrics for Evaluating Quality of Embeddings for Ontological Concepts. AAAI Spring Symposium
2. Sakor A, Mulang IO, Singh K, Shekarpour S, Vidal ME, Lehmann J, et al. Old is gold: linguistic driven approach for entity and relation linking of short text. Proceedings of the NAACL HLT. 2019.
3. Shekarpour S, Alshargi F, Thirunaravan K, Shalin VL, Sheth A. CEVO: Comprehensive Event Ontology Enhancing Cognitive Annotation on Relations. 2019 IEEE 13th International Conference on Semantic Computing (ICSC). 2019.
4. Gaur M, Shekarpour S, Gyrard A, Sheth A. Empathi: An Ontology for Emergency Managing and Planning About Hazard Crisis. 2019 IEEE 13th International Conference on Semantic Computing (ICSC). 2019. pp. 396–403.

2018

5. Mohammadreza Rezvan, Saeedeh Shekarpour, Lakshika Balasuriya, Krishnaprasad Thirunarayan, Valerie L. Shalin, Amit P. Sheth: A Quality Type-aware Annotated Corpus and Lexicon for Harassment Research. WebSci2018: 33-36 **(in Best papers session)**
6. Why Reinvent the Wheel-Let's Build Question Answering Systems Together. Kuldeep Singh, Sethupat, A, Andreas Both, Saeedeh Shekarpour, Lytra, I, Usbeck, R, Vyas, A, Khikmatullaev, A, Punjani, D, Christoph Lange, Vidal, M-E, Jens Lehmann, Sören Auer. **The Web Conference (WWW 2018)**
7. Kuldeep Singh, Andreas Both, Arun Sethupat Radhakrishna, Saeedeh Shekarpour: Frankenstein: A Platform Enabling Reuse of Question Answering Components. ESWC 2018: 624-638

2017

8. Saeedeh Shekarpour, Edgard Marx, Sören Auer, Amit P. Sheth: RQUERY: Rewriting Natural Language Queries on Knowledge Graphs to Alleviate the Vocabulary Mismatch Problem. **AAAI 2017**: 3936-3943
9. Edgard Marx, Saeedeh Shekarpour, Tommaso Soru, Adrian M. P. Brasoveanu, Muhammad Saleem, Ciro Baron, Albert Weichselbraun, Jens Lehmann, Axel-Cyrille Ngonga Ngomo, Sören Auer: Torpedo: Improving the State-of-the-Art RDF Dataset Slicing. ICSC 2017: 149-156

2016

10. Kuldeep Singh, Andreas Both, Dennis Diefenbach, Saeedeh Shekarpour, Didier Cherix, Christoph Lange: Qanary - The Fast Track to Creating a Question Answering System with Linked Data Technology. ESWC (Satellite Events) 2016: 183-188
11. Andreas Both, Dennis Diefenbach, Kuldeep Singh, Saeedeh Shekarpour, Didier Cherix, Christoph Lange: Qanary - A Methodology for Vocabulary-Driven Open Question Answering Systems. ESWC 2016: 625-641
12. Sidra Faisal, Kemele M. Endris, Saeedeh Shekarpour, Sören Auer, Maria-Esther Vidal: Co-evolution of RDF Datasets. ICWE 2016: 225-243
13. Edgard Marx, Konrad Höffner, Saeedeh Shekarpour, Axel-Cyrille Ngonga Ngomo, Jens Lehmann, Sören Auer: Exploring Term Networks for Semantic Search over RDF Knowledge Graphs. MTSR 2016: 249-261
14. Kuldeep Singh, Andreas Both, Dennis Diefenbach, Saeedeh Shekarpour: Towards a Message-Driven Vocabulary for Promoting the Interoperability of Question Answering Systems. ICSC 2016: 386-389
15. Saeedeh Shekarpour, Kemele M. Endris, Ashwini Jaya Kumar, Denis Lukovnikov, Kuldeep Singh, Harsh Thakkar, Christoph Lange:
16. Question Answering on Linked Data: Challenges and Future Directions. WWW (Companion Volume) 2016: 693-698

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17. Saeedeh Shekarpour, Denis Lukovnikov, Ashwini Jaya Kumar, Kemele M. Endris, Kuldeep Singh, Harsh Thakkar, Christoph Lange
18. Saeedeh Shekarpour, Edgard Marx, Axel-Cyrille Ngonga Ngomo, Sören Auer: SINA: Semantic interpretation of user queries for question answering on interlinked data. J. Web Semant. 30: 39-51 (2015)
19. Christoph Lange, Saeedeh Shekarpour, Sören Auer: The WDAqua ITN: Answering Questions using Web Data. ESWC 2015

2014

20. Sebastian Tramp, Philipp Frischmuth, Timofey Ermilov, Saeedeh Shekarpour, Sören Auer: An architecture of a distributed semantic social network. Semantic Web 5(1): 77-95 (2014)
21. Saeedeh Shekarpour, Sören Auer: "SINA: semantic interpretation of user queries for question answering on interlinked data" by Saeedeh Shekarpour with Prateek Jain as coordinator. SIGWEB Newsletter 2014(Summer): 3:1 (2014)

2013

22. Edgard Marx, Tommaso Soru, Saeedeh Shekarpour, Sören Auer, Axel-Cyrille Ngonga Ngomo, Karin K. Breitman: Towards an Efficient RDF Dataset Slicing. Int. J. Semantic Computing 7(4): 455- (2013)
23. Saeedeh Shekarpour, Sören Auer, Axel-Cyrille Ngonga Ngomo, Daniel Gerber, Sebastian Hellmann, Claus Stadler: Generating SPARQL queries using templates. Web Intelligence and Agent Systems 11(3): 283-295 (2013)
24. Saeedeh Shekarpour, Konrad Höffner, Jens Lehmann, Sören Auer: Keyword Query Expansion on Linked Data Using Linguistic and Semantic Features. ICSC 2013: 191-197
25. Edgard Marx, Saeedeh Shekarpour, Sören Auer, Axel-Cyrille Ngonga Ngomo: Large-Scale RDF Dataset Slicing. ICSC 2013: 228-235
26. Saeedeh Shekarpour, Axel-Cyrille Ngonga Ngomo, Sören Auer: Question answering on interlinked data. **WWW 2013: 1145-1156**

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27. Saeedeh Shekarpour, Axel-Cyrille Ngonga Ngomo, Sören Auer: Keyword-Driven Resource Disambiguation over RDF Knowledge Bases. JIST 2012: 159-17
28. Saeedeh Shekarpour, Axel-Cyrille Ngonga Ngomo, Sören Auer: Query Segmentation and Resource Disambiguation Leveraging Background Knowledge. WoLE@ISWC 2012: 82-93

2011

29. Saeedeh Shekarpour: DC Proposal: Automatically Transforming Keyword Queries to SPARQL on Large-Scale Knowledge Bases. International Semantic Web Conference (2) 2011: 357-364
30. Saeedeh Shekarpour, Sören Auer, Axel-Cyrille Ngonga Ngomo, Daniel Gerber, Sebastian Hellmann, Claus Stadler: Keyword-Driven SPARQL Query Generation Leveraging Background Knowledge. Web Intelligence 2011: 203-210

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31. Saeedeh Shekarpour, S. D. Katebi: Modeling and evaluation of trust with an extension in the semantic web. J. Web Semant. 8(1): 26-36 (2010)

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32. Saeedeh Shekarpour, S. D. Katebi: A Trust Model Based on Statistical Propagation and Fuzzy Aggregation for Semantic Web. EMS 2008: 459-464

