Muhammad Saleem
Aidan Hogan
Ricardo Usbeck
Ruben Verborgh
Axel-Cyrille Ngonga Ngomo
(Eds.)

Proceedings of

QuWeDa 2019: 3rd Workshop on Querying and Benchmarking the Web of Data

co-located with 18th International Semantic Web Conference (ISWC 2019)
Auckland, New Zealand, October 26-30, 2019

Primary Editors' address:
University of Leipzig
Augustusplatz 10 04109 Leipzig, Germany
saleem@informatik.uni-leipzig.de

Preface

The constant growth of Linked Open Data (LOD) on the Web opens new challenges pertaining to querying such massive amounts of publicly available data. LOD datasets are available through various interfaces, such as data dumps, SPARQL endpoints, and triple pattern fragments. In addition, various sources produce streaming data. Efficiently querying these sources is of central importance for the scalability of Linked Data and Semantic Web technologies. The trend of publicly available and interconnected data is shifting the focus of Web technologies towards new paradigms of Linked Data querying. To exploit the massive amount of LOD data to its full potential, users should be able to query and combine this data easily and effectively. This workshop at the International Semantic Web Conference (ISWC) presented original articles describing theoretical and practical methods and techniques for fostering, querying and consuming the Data Web. The workshop brought together members of the community interested in demonstrating their latest advances in query processing systems for RDF. The event fostered discussion for proposing novel RDF query processing techniques, language extension, and benchmarking and experimental evaluation of the engines.

We thank the authors for their submissions and the program committee for their hard work.

November 2019

Muhammad Saleem, Aidan Hogan, Ricardo Usbeck,
Ruben Verborgh, Axel-Cyrille Ngonga Ngomo

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Aidan Hogan, Universidad de Chile,
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