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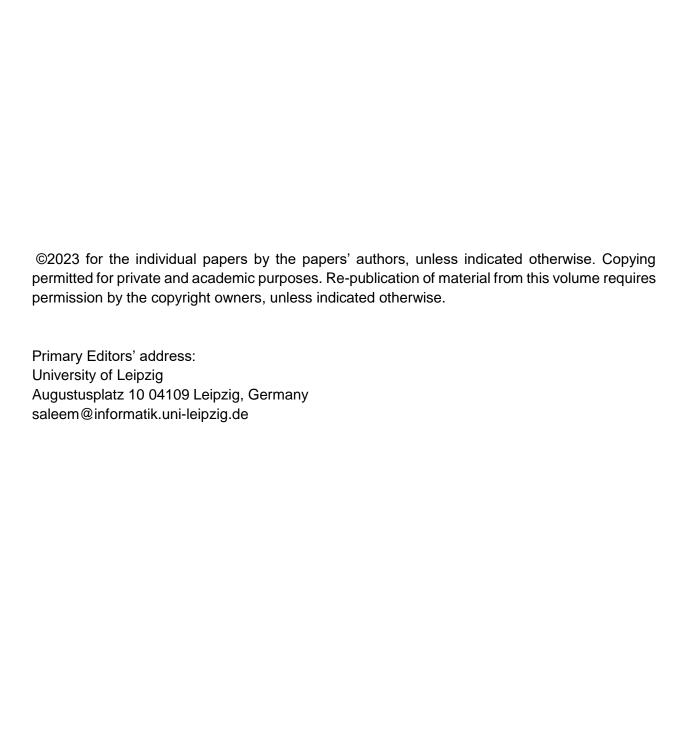
QuWeDa 2023: 7th Workshop on

Storing, Querying and Benchmarking Knowledge Graphs

and

MEPDaW'23: 9th Workshop on Managing the Evolution and Preservation of the Data Web

co-located with 22nd International Semantic Web Conference (ISWC 2023) 06-10 November 2023, Athens, Greece



#### **QuWeDa** — Storing, Querying and Benchmarking Knowledge Graphs

The constant growth of Knowledge Graphs (KGs) on the Web raises new challenges for querying and integrating massive amounts of data across multiple KGs. Such KGs are available through various interfaces, such as data dumps, Linked Data Platform, 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. To exploit the massive amount of data to its full potential, users should be able to query and combine this data easily and effectively. This workshop at the <a href="International Semantic Web Conference 2023">International Semantic Web Conference 2023</a> (ISWC 2023) seeks 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 Knowledge Graphs. 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 2023

Muhammad Saleem, Axel-Cyrille Ngonga Ngomo

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#### **MEPDaW** — Managing the Evolution and Preservation of the Data Web

There is a vast and rapidly increasing quantity of scientific, corporate, governmental, and crowd-sourced data openly published on the Web. Open Data plays a catalyst role in the way structured information is exploited on a large scale. A traditional view of digitally preserving these datasets by "pickling and locking them away" for future use, like groceries, conflicts with their evolution. There are several approaches and frameworks (e.g. Linked Data Stack, PoolParty Suite, Metaphactory, etc.) targeted at managing the life-cycle of the Data Web. More specifically, these solutions are expected to tackle major issues such as the synchronisation problem (monitoring changes), the curation problem (repairing data imperfections), the appraisal problem (assessing the quality of a dataset), the citation problem (how to cite a particular version of a dataset), the archiving problem (retrieving a specific version of a dataset), and the sustainability problem (preserving at scale, ensuring long-term access).

The ninth edition of this workshop was organised for the fourth time at the International Semantic Web Conference (ISWC) and followed the structure of the previous editions. We invited a number of experts in the field of Linked Data and Data Evolution & Preservation in order to suggest and advise on the different topics that our workshop covered this year. This year, at ISWC 2023, we gathered four academic articles and a keynote by David Chaves-Fraga (University of Santiago de Compostela, Spain) for our half-day event.

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

November 2023

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## **MEPDaW 2023 Organizing Committee**

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