

Preface

Wikidata Workshop 2020

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Wikidata is an open knowledge graph hosted by the Wikimedia Foundation that can be read and edited by both humans and machines. It acts as the central source of common structured data used by Wikipedia, Wiktionary, Wikisource, and other projects within Wikimedia. It is also used in a variety of academic and industrial applications.

In recent years, we have seen an increase in the number of scientific publications around Wikidata. While there are a number of venues for the Wikidata community to exchange ideas, none of them publish original work that directly aims to advance Wikidata as a research field. We wanted to bridge the gap between these distinct initiatives and give the research-focused part of the Wikidata community a place to come together, exchange ideas, and present ongoing work. By doing so we hope to foster collaboration and agree on a shared research agenda by bringing together and growing a community of researchers from a diverse set of communities across academia, industry, and nonprofits.

This was the first instalment of the Wikidata Workshop co-located with the International Semantic Web Conference (ISWC) 2020. The Wikidata Workshop focused on research relevant to the Wikidata ecosystem, including the knowledge graph itself, its socio-technical context, and its many uses by developers and applications.

The Wikidata Workshop 2020 focused on the challenges and opportunities of working on the collaborative open-domain knowledge graph Wikidata, which is edited by an international and multilingual community. We sought submissions that studied the influence that such a knowledge graph has on the web of data, as well as those working on improving the knowledge graph itself. This workshop brought together those interested in Wikidata from both the scientific field and industry to discuss trends and topics around this collaborative knowledge graph.

The articles included in this volume went through peer-review; each submission was reviewed by at least two reviewers. We accepted 13 research papers from 18 submissions, of which 11 are published in this proceedings. We are excited to have two keynote speakers: Lydia Pintscher, Wikimedia Deutschland and product manager of Wikidata, and Dr. Katherine Thornton, Yale University Library, as well as a panel discussion entitled “Is Wikidata heading in the right direction?”.

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- Elena Simperl, King's College London, UK
- Denny Vrandečić, Wikimedia Foundation, USA

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