

7th International Workshop on Natural Language Interfaces for the Web of Data (NLIWOD) and 10th Question Answering over Linked Data (QALD) Challenge

Co-located with the
19th European Semantic Web Conference

Editorial

Xi Yan¹, Meriem Beloucif², and Ricardo Usbeck¹

¹ Semantic Systems Group, Universität Hamburg, ² Uppsala University
xi.yan@uni-hamburg.de, meriem.beloucif@lingfil.uu.se,
ricardo.usbeck@uni-hamburg.de

Preface

This year's NLIWoD 7 workshop and QALD 10 challenge with a common focus on linked data, were held together. NLIWoD is a series of workshops that emphasizes the advancement of Natural Language (NL) Interfaces to the Web of Data. It always takes place together with influential semantic web conferences, such as ISWC and ESWC. Recent advancements and the application of technology in question answering systems are the main topics covered. At the same time, QALD is a series of challenges that promote question answering systems over linked data. Each edition of the QALD challenge publishes new dataset(s), with particular attention to issues in question answering, such as domain adaptation, multilingualism, hybrid approach, etc.

Next to that, this year's challenge, QALD 10, posts a question to the semantic web community, on how to develop a multilingual question answering system over large-scale linked data and allows participants to get tested on a standardized benchmark platform. This joint workshop aims to not only push forward the theoretical research in the retrieval of information from linked data but also to connect the advancement with industrial practitioners.

In 2022, this workshop comprised one keynote by Prof. Dr. Paul Groth, 3 full papers, and 3 short papers. The best paper award went to Manuel Alejandro Borroto Santana, Bernardo Cuteri, Francesco Ricca, and Vito Barbara for their paper "SPARQL-QA enters the QALD challenge SPARQL-QA enters the QALD challenge". Furthermore, we included and presented the results and systems from the QALD-10 challenge in this workshop proceedings to document the progress in the field of question answering on Linked Data. We will publish a description of the actual QALD-10 data later as a resource article.

Keynote - Informing Data Search through Data Practice

This year's keynote was given by Prof. Dr. Paul Groth. Prof. Dr. Paul Groth received his Ph. D. in Computer Science from the University of Southampton in 2007. From 2007 to 2009 he was a member of the Intelligent Systems Division, Information Sciences Institute at the University of Southern California. Paul Groth then joined Knowledge Representation and Reasoning Group as a postdoctoral researcher and then an assistant professor. He remained there until 2015 when he joined Elsevier Labs as a disruptive technology director. Now he serves as a full professor at the University of Amsterdam since 2018, where he leads the Intelligent Data Engineering Lab. Paul's research interests center on intelligent systems for the integration and use of diverse information with a particular emphasis on data provenance.

Program

This workshop takes place on Sunday May 29, 2022 from 9:00 to 12:30.

Time	Author	Title
09:00	Xi Yan	Introduction
09:10	Smriti Kotiyal, Dhavalkumar Thakker and Yash Dubal	Knowledge Graph based Intelligent Conversational Agent for UK Immigration Case Work
09:35	Daniel Diomedi and Aidan Hogan	Entity Linking and Filling for Question Answering over Knowledge Graphs
10:00	Manuel Alejandro Borroto Santana, Bernardo Cuteri, Francesco Ricca and Vito Barbara	SPARQL-QA enters the QALD challenge
10:30 - 11:00	Coffee Break!	
11:10	Prof. Dr. Paul Groth	Informing Data Search through Data Practice
11:45	Xi Yan	QALD Overview
11:55	Kanchan Shivashankar, Khaoula Benmaarouf and Nadine Steinmetz	n2k v2.2
12:05	Nikita Baramiia, Sergey Petrakov and Alina Rogulina	posledniy
12:15	Manuel Alejandro Borroto Santana, Bernardo Cuteri, Francesco Ricca and Vito Barbara	SPARQL-QA
12:16	Suraj Singh and Dmitrii Gavrilov	en_ensemble_3
12:25	Xi Yan	Discussion & Best Paper and Challenge Winner Award

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