The publication "DBpedia: A Nucleus for a Web of Open Data" (https://doi.org/10.1007/978-3-540-76298-0_52) by Sören Auer, Director of the Technische Informationsbibliothek (TIB) - German National Library of Science and Technology, and his colleagues Chris Bizer, Jens Lehmann, Georgi Kobilarov, Richard Cyganiak and Zachary Ives received the SWSA Ten-Year Award of the Semantic Web Science Association (SWSA) on 23 October 2017 at the International Semantic Web Conference (https://iswc2017.semanticweb.org) (ISWC) in Vienna. Congratulations!

The SWSA Ten-Year Award recognizes the highest impact papers from the ISWC proceedings ten years prior (i.e., in 2017 SWSA honors a paper from 2007). The decision is based primarily, but not exclusively, on the number of citations to the papers from the proceedings in the intervening decade.

The winning paper was selected from the pool of ISWC 2007 papers with the highest impact (as measured in terms of citations). From this very restricted pool of papers, the members of the award committee chose the paper “DBpedia: A Nucleus for a Web of Open Data” because in their view it is the paper which had the most impact on the field of Semantic Web, and beyond, and has best stood the test of time.

The award-winning paper from 2007 deals with DBpedia, a community effort to extract structured information from Wikipedia and to make this information available on the Web as a knowledge graph. DBpedia allows you to ask sophisticated queries against datasets derived from Wikipedia and to link other datasets on the Web to Wikipedia data. The paper describes the extraction of the DBpedia datasets, and how the resulting information is published on the Web for human- and machine-consumption. It describes some emerging applications from the DBpedia community and shows how website authors can facilitate DBpedia content within their sites. Finally, we present the current status of interlinking DBpedia with other open datasets on the Web and outline how DBpedia could serve as a nucleus for an emerging Web of open data.

Photo: TIB/C. Behrens

SWSA Ten-Year Award for Sören Auer and Colleagues