

Call for Papers: Second International Workshop on Hybrid Question Answering with Structured and Unstructured Knowledge (HQA'19)

Part of The Knowledge Capture 2019
19-21 November 2019, California, United States

HQA 2019: <https://goasq.lri.fr/workshop/hqa19.html>
The K-CAP 2019: <http://www.k-cap.org/2019/index.html>

Important Dates

- Title and abstract submission: October 6, 2019 (Anywhere on Earth)
- Paper submission: October 6, 2019
- Notification: October 11, 2019
- Final version due: October 15, 2019

Objectives

More and more knowledge is available electronically in a structured or unstructured form over the World Wide Web (WWW). Such knowledge has become a rich resource to answer our daily life questions and even scientific questions posed by domain experts. Accordingly, it becomes a necessity to develop tools that can (semi-)automatically answer questions based on the large amount of available data.

Such challenges have been targeted separately over the last years by different communities, including query answering in the Semantic Web based on structured semantic data and question answering in Natural Language Processing based on unstructured textual data. While the former is powerful in representing complex questions and exploring background knowledge (e.g., large biomedical ontologies), it is often difficult to master, and such an advanced answering system cannot be used without a specialized user interface. In contrast, the latter can handle natural questions directly but can formulate constraints that cannot be represented formally by query answering approaches due to the limited expressiveness of formal languages. Besides it is not obvious how to take into account the background and common sense knowledge needed to obtain precise answers over structured data.

The objective of this workshop is to bring together researchers and developers working on question/query answering systems over structured or unstructured knowledge, and create a platform to grow potential collaborations in this multidisciplinary task.

Topics

Topics of submissions include, but are not limited to:

- Natural Language Processing based question answering
- Ontology based query answering
- Information retrieval and question answering
- Hybrid reasoning
- Information retrieval over unstructured and structured data
- Applications of question answering
- Information Extraction
- Temporal event extraction from text
- Temporal reasoning for query answering
- Ontology and knowledge graph
- Biomedical text analysis
- Datasets combining structured and unstructured knowledge

Submissions

For details, please see <https://goasq.lri.fr/workshop/hqa19.html>.

Attending

For details about traveling to Marina del Rey, accommodation, and registration, please see the Web pages of The K-Cap 2019: <http://www.k-cap.org/2019/index.html>

Organization

PC Chairs:

- Franz Baader, TU Dresden, Germany
- Brigitte Grau, LIMSI, CNRS, Université Paris-Saclay, France
- Yue Ma, LRI, CNRS, Université Paris-Sud, France

Organizing Committee:

- Stefan Borgwardt, TU Dresden, Germany
- Sanjay Kamath, LRI/LIMSI, CNRS, Université Paris-Sud, France
- Pierre Zweigenbaum, LIMSI, CNRS, Université Paris-Saclay, France

Program Committee (to be extended):

- Meghyn Bienvenu, CNRS, University of Bordeaux, France
- Camille Bourgaux, ENS Paris, CNRS, France
- Jieying Chen, LRI, CNRS, Université Paris Sud, France
- Walter Forkel, TU Dresden, Germany
- Guanghui Fu, Beijing University of Technology, Chine
- Anne-Laure Ligozat, LIMSI, CNRS, Université Paris-Saclay, France
- Raghava Mutharaju, GE Global Research Center, USA
- Fathia Sais, LRI, CNRS, Université Paris-Sud, France
- Fabian M. Suchanek, Télécom ParisTech, France
- Michaël Thomazo, INRIA Saclay, France
- Guohui Xiao, Free University of Bozen-Bolzano, Italy
- Zheng Zhang, LIMSI, CNRS, Université Paris Saclay, France