10th International Workshop on Scalable Semantic Web Knowledge Base Systems (SSWS 2014)

At the 13th International Semantic Web Conference (ISWC 2014), Riva del Garda, Italy October, 2014
SSWS 2014 PC Co-chairs’ Message

SSWS 2014 is the tenth edition of the successful Scalable Semantic Web Knowledge Base Systems workshop series. The workshop series is focused on addressing scalability issues with respect to the development and deployment of knowledge base systems on the Semantic Web. Typically, such systems deal with information described in Semantic Web languages such as OWL and RDF(S), and provide services such as storing, reasoning, querying and debugging. There are two basic requirements for these systems. First, they have to satisfy the applications semantic requirements by providing sufficient reasoning support. Second, they must scale well in order to be of practical use. Given the sheer size and distributed nature of the Semantic Web, these requirements impose additional challenges beyond those addressed by earlier knowledge base systems. This workshop brought together researchers and practitioners to share their ideas regarding building and evaluating scalable knowledge base systems for the Semantic Web.

This year we received 9 submissions. Each paper was carefully evaluated by three workshop Program Committee members. Based on these reviews, we accepted 5 papers for presentation. We sincerely thank the authors for all the submissions and are grateful for the excellent work by the Program Committee members.

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