

**The 5th International Workshop on  
Scalable Semantic Web Knowledge Base  
Systems (SSWS2009)**

**At the 8th International Semantic Web Conference  
(ISWC2009), Washington DC, USA, October 26, 2009**

## SSWS 2009 PC Co-chairs' Message

SSWS 2009 was the fifth instance in the sequence of successful Scalable Semantic Web Knowledge Base Systems workshops. This workshop 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 like 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 application's 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 15 submissions. Each paper was carefully evaluated by two or three workshop Program Committee members. Based on these reviews, we accepted ten papers, seven for full length oral presentation and three for short presentation. The topics of the selected papers span the areas of benchmarking, large scale data stores, optimized representation mechanisms, data integration, and query processing. We sincerely thank the authors for all the submissions and are grateful for the excellent work by the Program Committee members.

October 2009

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