

**Joint Workshop on Scalable and  
High-Performance Semantic Web  
Systems (SSWS + HPCSW 2012)**

**At the 11th International Semantic Web Conference  
(ISWC2012), Boston, USA, November, 2012**

## SSWS + HPCSW 2012 PC Co-chairs' Message

For 2012, the 8th International Workshop on Scalable Semantic Web Knowledge Base Systems (SSWS2012) and the 2nd Workshop on High-Performance Computing for the Semantic Web (HPCSW2012) were merged together. This joint workshop focused on addressing broader 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 11 submissions. Each paper was carefully evaluated by three workshop Program Committee members. Based on these reviews, we accepted seven papers for presentation. We sincerely thank the authors for all the submissions and are grateful for the excellent work by the Program Committee members.

November 2012

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