

Preface

The Joint International Semantic Technology Conference (JIST) is a regional federation of semantic technology related conferences. JIST 2013 was a joint effort between the JIST Conference, Korea Intelligent Information System Society, Korean Association of Data Science, and Korea Institute of Science and Technology Information. The mission of JIST is to bring researchers together from the semantic technology community and other areas related to semantic technologies to present their innovative research results or novel applications. This conference addressed not only the Semantic Web, but also issues related to ontologies, metadata, linked open data, OWL/RDF languages, description logics, big data and even art.

The JIST 2013 main technical tracks comprised regular paper sessions, four tutorials, and five workshops including a local workshop. We received submissions for the main technical track from 12 countries, which included not only Asian countries, but also many European and North American countries. Every paper was reviewed by three reviewers on average and then discussed by the chairs.

The topics were interesting and well distributed, ranging from fundamental studies on semantic reasoning and search/query to various applications of semantic technology. Particularly, we found many of the submitted papers were related to the areas of biomedical and multilingual domains. Another notable fact is that the relative importance of learning and discovery issues from the real-world linked data keeps growing every year; this trend seems to reflect the current popularity of big data.

It is far too obvious that the great success of JIST 2013 would not have been possible without the devotion and close cooperation of the Organizing Committee. We all thank the member of the Program Committee and local Organizing Committee for their great support. Special thanks also go to the sponsors and supporting organizations for their financial support.

December 2013

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Semantic Technology

Third Joint International Conference, JIST 2013, Seoul,
South Korea, November 28--30, 2013, Revised Selected
Papers

Kim, W.; Ding, Y.; Kim, H.-G. (Eds.)

2014, XII, 462 p. 191 illus., Softcover

ISBN: 978-3-319-06825-1