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# Semantic Technology

8th Joint International Conference, JIST 2018  
Awaji, Japan, November 26–28, 2018  
Proceedings

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# Preface

This volume constitutes the proceedings of the 8th Joint International Semantic Technology Conference (JIST 2018) held during November 26–28, 2018, in Awaji City, Hyogo, Japan. The Joint International Semantic Technology Conference (JIST) is a regional federation of semantic technology-related conferences. The mission of JIST is to bring together researchers in the semantic technology research community and other areas of semantic-related technologies to present their innovative research results or novel applications of semantic technologies. JIST 2018 was a joint effort between the JIST conference and Special Interest Group on the Semantic Web and Ontology (SIG-SWO) of Japanese Society of Artificial Intelligence (JSAI).

There were three tracks at JIST 2018 including the Research Track and two Special Session Tracks on Government Open Data and Semantic Web for Life Sciences. We had 75 submissions in total. Each submission was reviewed by at least two reviewers, and in most cases by three reviewers. The committee decided to accept 23 papers (16 for the research and seven for the special session tracks) as regular papers and six papers (four for the research and two for the special session tracks) as short papers. The topics covered a wide spectrum of semantic technologies from theoretical studies to applications of semantic technologies. In particular, many papers are related to knowledge graphs, showing the current trend in semantic technologies.

As the organizer of JIST 2018, we would like to express our sincere thanks to the Program Committee members and additional reviewers for reviewing the papers in a short period of time. We would also like to thank the sponsors and support organizations. Last but not the least, we would like to thank all the speakers, authors, and participants for their great contributions that made JIST 2018 successful.

September 2018

Ryutaro Ichise  
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