

Contents

The Mighty Storage Challenge

MOCHA2017: The Mighty Storage Challenge at ESWC 2017	3
<i>Kleanthi Georgala, Mirko Spasić, Milos Jovanovik, Henning Petzka, Michael Röder, and Axel-Cyrille Ngonga Ngomo</i>	
Challenge Accepted: QUAD Meets MOCHA2017.	16
<i>Alexander Potocki, Daniel Hladky, and Martin Voigt</i>	
MOCHA 2017 as a Challenge for Virtuoso	21
<i>Mirko Spasić and Milos Jovanovik</i>	

Open Knowledge Extraction Challenge

Open Knowledge Extraction Challenge 2017	35
<i>René Speck, Michael Röder, Sergio Oramas, Luis Espinosa-Anke, and Axel-Cyrille Ngonga Ngomo</i>	
ADEL@OKE 2017: A Generic Method for Indexing Knowledge Bases for Entity Linking	49
<i>Julien Plu, Raphaël Troncy, and Giuseppe Rizzo</i>	

Question Answering over Linked Data Challenge

7th Open Challenge on Question Answering over Linked Data (QALD-7) . . .	59
<i>Ricardo Usbeck, Axel-Cyrille Ngonga Ngomo, Bastian Haarmann, Anastasia Krithara, Michael Röder, and Giulio Napolitano</i>	
End-to-End Representation Learning for Question Answering with Weak Supervision	70
<i>Daniil Sorokin and Iryna Gurevych</i>	
WDAqua-core0: A Question Answering Component for the Research Community	84
<i>Dennis Diefenbach, Kamal Singh, and Pierre Maret</i>	
AMAL: Answering French Natural Language Questions Using DBpedia	90
<i>Nikolay Radoev, Mathieu Tremblay, Michel Gagnon, and Amal Zouaq</i>	

Semantic Sentiment Analysis

Semantic Sentiment Analysis Challenge at ESWC2017	109
<i>Diego Reforgiato Recupero, Erik Cambria, and Emanuele Di Rosa</i>	
Fine-Grained Sentiment Analysis on Financial Microblogs and News Headlines	124
<i>Mattia Atzeni, Amna Dridi, and Diego Reforgiato Recupero</i>	
Language Independent Sentiment Analysis of the Shukran Social Network Using Apache Spark	129
<i>Walid Iguider and Diego Reforgiato Recupero</i>	
Aspect-Based Opinion Mining Using Knowledge Bases.	133
<i>Marco Federici and Mauro Dragoni</i>	
The IRMUDOSA System at ESWC-2017 Challenge on Semantic Sentiment Analysis	148
<i>Giulio Petrucci and Mauro Dragoni</i>	
Opinion Mining with a Clause-Based Approach	166
<i>Andi Rexha, Mark Kröll, Mauro Dragoni, and Roman Kern</i>	
Author Index	177

Semantic Web Challenges

4th SemWebEval Challenge at ESWC 2017, Portoroz,
Slovenia, May 28 - June 1, 2017, Revised Selected
Papers

Dragoni, M.; Solanki, M.; Blomqvist, E. (Eds.)

2017, XII, 177 p. 58 illus., Softcover

ISBN: 978-3-319-69145-9