Contents

Knowledge Graphs: Venturing Out into the Wild ................................. 1
  
  Gerard de Melo

Information Extraction from the Web by Matching Visual Presentation Patterns ............................................. 10
  
  Radek Burget

Statistical Induction of Coupled Domain/Range Restrictions from RDF Knowledge Bases ......................................................... 27
  
  Basil Ell, Sherzod Hakimov, and Philipp Cimiano

Wikipedia and DBpedia for Media - Managing Audiovisual Resources in Their Semantic Context ....................................................... 41
  
  Jean-Pierre Evain, Mike Matton, and Tormod Vaervagen

Identifying Global Representative Classes of DBpedia Ontology Through Multilingual Analysis: A Rank Aggregation Approach .................. 57
  
  Eun-kyung Kim and Key-Sun Choi

Identifying Poorly-Defined Concepts in WordNet with Graph Metrics ........ 66
  
  John P. McCrae and Narumol Prangnawarat

Extracting Process Graphs from Medical Text Data: An Approach Towards a Systematic Framework to Extract and Mine Medical Sequential Processes Descriptions from Large Text Sources ................................. 76
  
  Andreas Niekler and Christian Kahmann

Chainable and Extendable Knowledge Integration Web Services ................ 89
  
  Felix Sasaki, Milan Dojchinovski, and Jan Nehring

Entity Typing Using Distributional Semantics and DBpedia .................. 102
  
  Marieke van Erp and Piek Vossen

WC3: Analyzing the Style of Metadata Annotation Among Wikipedia Articles by Using Wikipedia Category and the DBpedia Metadata Database . . 119
  
  Masaharu Yoshioka

Author Index ........................................................................................................................................ 137
Knowledge Graphs and Language Technology
ISWC 2016 International Workshops: KEKI and NLP&DBpedia, Kobe, Japan, October 17-21, 2016, Revised Selected Papers
2017, XI, 137 p. 27 illus., Softcover
ISBN: 978-3-319-68722-3