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