Preface

This volume contains the papers presented at LD4IE2017: 5th international Workshop on Linked Data for Information Extraction held on October 22nd, 2017 in Vienna, Austria, in conjunction with the 16th International Semantic Web Conference (ISWC2017). Additional details on the LD4IE workshop series can be found at https://w3id.org/ld4ie. The workshop this year features 6 full papers.

The invited speaker for LD4IE2017 is Dr. Vanessa Lopez, a research scientist at *IBM's* Dublin Research Laboratory in Ireland since 2012. Vanessa has several years of experience envisioning and developing innovative solutions for harnessing urban and web data as knowledge, through a combination of natural language, semantics / Linked Data and learning approaches to capture, integrate, enrich, search, explore and query data in a natural way.

Her talk at LD4IE2017 is titled "Capturing Social and Clinical Knowledge for Personalised Care".

October 2, 2017 San Jose Anna Lisa Gentile

Table of Contents

Towards a Large Corpus of Richly Annotated Web Tables for Knowledge Base Population	1
Basil Ell, Sherzod Hakimov, Philipp Braukmann, Lorenzo Cazzoli, Fabian Kaupmann, Amerigo Mancino, Junaid Altaf Memon, Kai Rother, Ab- hishek Saini and Philipp Cimiano	
Semi-Automatic Example-Driven Linked Data Mapping Creation Pieter Heyvaert, Anastasia Dimou, Ruben Verborgh and Erik Mannens	13
Towards Odalic, a Semantic Table Interpretation Tool in the ADEQUATe Project	25
Understanding Knowledge Networks	37
Discrimination of Word Senses with Hypernyms	38
Multilingual Entity Linking: Comparing English and Spanish	50

Program Committee

Rabeeh Ayaz Abbasi King Abdulaziz University, Jeddah, Saudi Arabia

Nitish Aggarwal IBM

Payam Barnaghi University of Surrey

Pierpaolo Basile Dipartimento di Informatica - University of Bari Amparo E. Cano Knowledge Media Institute, The Open University Annalina Caputo ADAPT - School of Computer Science and Statis-

tics, Trinity College Dublin

Claudia d'Amato University of Bari

Mauro Dragoni Fondazione Bruno Kessler - FBK-IRST

Anca Dumitrache VU University Amsterdam Darío Garigliotti University of Rome - La Sapienza

Anna Lisa Gentile IBM Ashutosh Jadhav IBM

Petr Knoth KMi, The Open University

Vanessa Lopez IBM

Andrea Moro Sapienza, Università di Roma

Varish Mulwad GE Global Research

Matthias Nickles National University of Ireland, Galway, Digital En-

terprise Research Institute

Andrea Giovanni Nuzzolese STLab, ISTC-CNR Jay Pujara University of Maryland

Achim Rettinger Karlsruhe Institute of Technology

Martin Rezk Rakuten, Inc. Giuseppe Rizzo ISMB

Mariano Rodríguez Muro IBM

Victoria Uren Aston University

Ziqi Zhang Nottingham Trent University

Additional Reviewers

 \mathbf{K}

Khadka, Anita

Author Index

Beek, Wouter Braukmann, Philipp C	38 2
Cazzoli, Lorenzo Cimiano, Philipp D	2 2
Dimou, Anastasia E	14
Ell, Basil H	2
Hakimov, Sherzod Heyvaert, Pieter Hogan, Aidan K	2 14 62
Kaupmann, Fabian Knap, Tomas Kuhn, Tobias L	2 26 38
Lopez, Vanessa M	1
Mancino, Amerigo Mangaladevi, Krishna Mannens, Erik Memon, Junaid Altaf Mireles, Victor P	2 38 14 2 50
Poblete, Barbara R	62
Revenko, Artem Rosales-Méndez, Henry Rother, Kai	50 62 2

 \mathbf{S}

Saini, Abhishek 2 V
Verborgh, Ruben 14