

# **Globalex Workshop on Linked Lexicography 2020**

Marseille, France  
11 – 16 May 2020

## **Editors:**

**Ilan Kernerman  
Simon Krek  
John P. McCrae**

**Jorge Gracia  
Sina Ahmadi  
Besim Kabashi**

ISBN: 978-1-7138-1261-6

**Printed from e-media with permission by:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571



**Some format issues inherent in the e-media version may also appear in this print version.**

Copyright© (2020) by the Association for Computational Linguistics  
All rights reserved.

Copyright for individual papers remains with the authors and are licensed under a Creative Commons 4.0 license, CC-BY-ND. (<https://creativecommons.org/licenses/by-nd/4.0/>)

Printed with permission by Curran Associates, Inc. (2020)

For permission requests, please contact the Association for Computational Linguistics at the address below.

Association for Computational Linguistics  
209 N. Eighth Street  
Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006

Fax: 1-570-476-0860

[acl@aclweb.org](mailto:acl@aclweb.org)

**Additional copies of this publication are available from:**

Curran Associates, Inc.  
57 Morehouse Lane  
Red Hook, NY 12571 USA  
Phone: 845-758-0400  
Fax: 845-758-2633  
Email: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

## Table of Contents

<i>Modelling Frequency and Attestations for OntoLex-Lemon</i> Christian Chiarcos, Maxim Ionov, Jesse de Does, Katrien Depuydt, Anas Fahad Khan, Sander Stolk, Thierry Declerck and John Philip McCrae .....	1
<i>SynSemClass Linked Lexicon: Mapping Synonymy between Languages</i> Zdenka Uresova, Eva Fucikova, Eva Hajicova and Jan Hajic .....	10
<i>Representing Etymology in the LiLa Knowledge Base of Linguistic Resources for Latin</i> Francesco Mambrini and Marco Passarotti .....	20
<i>An automatically generated Danish Renaissance Dictionary</i> Mette-Marie Møller Svendsen, Nicolai Hartvig Sørensen and Thomas Troelsgård .....	29
<i>Towards an Extension of the Linking of the Open Dutch WordNet with Dutch Lexicographic Resources</i> Thierry Declerck .....	33
<i>Widening the Discussion on “False Friends” in Multilingual Wordnets</i> Hugo Gonçalo Oliveira and Ana Luís .....	36
<i>Pinchah Kristang: A Dictionary of Kristang</i> Luís Morgado da Costa .....	37
<i>Building Sense Representations in Danish by Combining Word Embeddings with Lexical Resources</i> Ida Rørmann Olsen, Bolette Pedersen and Asad Sayeed .....	45
<i>Towards a Swedish Roget-Style Thesaurus for NLP</i> Niklas Zechner and Lars Borin .....	53
<i>Design and development of an adaptive web application for OLIVATERM</i> Mercedes Roldán Vendrell .....	61
<i>Building a domain-specific bilingual lexicon resource with Sketchengine and Lexonomy: Taking Ownership of the Issues</i> Zaida Bartolomé-Díaz and Francesca Frontini .....	62
<i>MWSA Task at GlobaLex 2020: RACAI’s Word Sense Alignment System using a Similarity Measurement of Dictionary Definitions</i> Vasile Pais, Dan Tufiş and Radu Ion .....	69
<i>UNIOR NLP at MWSA Task - GlobaLex 2020: Siamese LSTM with Attention for Word Sense Alignment</i> Raffaele Manna, Giulia Speranza, Maria Pia di Buono and Johanna Monti .....	76
<i>Implementation of Supervised Training Approaches for Monolingual Word Sense Alignment: ACDH-CH System Description for the MWSA Shared Task at GlobaLex 2020</i> Lenka Bajcetic and Seung-bin Yim .....	84
<i>NUIG at TIAD: Combining Unsupervised NLP and Graph Metrics for Translation Inference</i> John Philip McCrae and Mihael Arcan .....	92
<i>Translation Inference by Concept Propagation</i> Christian Chiarcos, Niko Schenk and Christian Fäth .....	98

<i>Graph Exploration and Cross-lingual Word Embeddings for Translation Inference Across Dictionaries</i> Marta Lanau-Coronas and Jorge Gracia .....	106
<i>Multi-Strategy system for translation inference across dictionaries</i> Lacramioara Dranca .....	111