

# **Globalex Workshop on Linked Lexicography (GWLL 2022)**

Held at LREC 2022

Marseille, France  
20 – 25 June 2022

## **Editors:**

**Ilan Kernerman  
Simon Krek**

ISBN: 978-1-7138-6122-5

**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© (2022) 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. (2022)

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>Towards the Profiling of Linked Lexicographic Resources</i> Lenka Bajcetic, Seung-bin Yim and Thierry Declerck .....	1
<i>Towards the Linking of a Sign Language Ontology with Lexical Data</i> Thierry Declerck .....	6
<i>Modelling Collocations in OntoLex-FrAC</i> Christian Chiarcos, Katerina Gkirtzou, Maxim Ionov, Besim Kabashi, Fahad Khan and Ciprian-Octavian Truică .....	10
<i>TIAD 2022: The Fifth Translation Inference Across Dictionaries Shared Task</i> Jorge Gracia, Besim Kabashi and Ilan Kernerman .....	19
<i>Creating Bilingual Dictionaries from Existing Ones by Means of Pivot-Oriented Translation Inference and Logistic Regression</i> Yves Bestgen .....	26
<i>Compiling a Highly Accurate Bilingual Lexicon by Combining Different Approaches</i> Steinþór Steingrímsson, Luke O’Brien, Finnur Ingimundarson, Hrafn Loftsson and Andy Way .	32
<i>A Category Theory Framework for Sense Systems</i> David Strohmaier and Gladys Tyen .....	42
<i>Converting a Database of Complex German Word Formation for Linked Data</i> Petra Steiner .....	52
<i>Resolving Inflectional Ambiguity of Macedonian Adjectives</i> Katerina Zdravkova .....	60
<i>MorphoLex Turkish: A Morphological Lexicon for Turkish</i> Bilge Arican, Aslı Kuzgun, Büşra Marşan, Deniz Baran Aslan, Ezgi Saniyar, Neslihan Cesur, Neslihan Kara, Oguzhan Kuyrukcu, Merve Ozcelik, Arife Betül Yenice, Merve Dogan, Ceren Oksal, Gökhan Ercan and Olcay Taner Yıldız .....	68
<i>Time Travel in Turkish: WordNets for Modern Turkish</i> Ceren Oksal, Hikmet N. Oguz, Mert Catal, Nurkay Erbay, Ozgecan Yuzer, Ipek B. Unsal, Oguzhan Kuyrukcu, Arife B. Yenice, Aslı Kuzgun, Büşra Marşan, Ezgi Saniyar, Bilge Arican, Merve Dogan, Özge Bakay and Olcay Taner Yıldız .....	75
<i>WordNet and Wikipedia Connection in Turkish WordNet KeNet</i> Merve Doğan, Ceren Oksal, Arife Betül Yenice, Fatih Beyhan, Reyhan Yeniterzi and Olcay Taner Yıldız .....	85
<i>Homonymy Information for English WordNet</i> Rowan Hall Maudslay and Simone Teufel .....	90