

# **25th International Conference on Computational Linguistics**

**(COLING 2014)**

**Tutorial Abstracts**

**Dublin, Ireland  
23 - 29 August 2014**

**ISBN: 978-1-63439-197-9**

**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© (2014) by the Association for Computational Linguistics  
All rights reserved.

Printed by Curran Associates, Inc. (2014)

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: 845-758-2634  
Email: [curran@proceedings.com](mailto:curran@proceedings.com)  
Web: [www.proceedings.com](http://www.proceedings.com)

## Table of Contents

<i>Biomedical/Clinical NLP</i>	
Ozlem Uzuner, Meliha Yetisgen and Amber Stubbs .....	1
<i>Using Neural Networks for Modeling and Representing Natural Languages</i>	
Tomas Mikolov .....	3
<i>Multilingual Word Sense Disambiguation and Entity Linking</i>	
Roberto Navigli and Andrea Moro .....	5
<i>Automated Grammatical Error Correction for Language Learners</i>	
Joel Tetreault and Claudia Leacock .....	8
<i>Selection Bias, Label Bias, and Bias in Ground Truth</i>	
Anders Søgaard, Barbara Plank and Dirk Hovy .....	11
<i>Dependency Parsing: Past, Present, and Future</i>	
Wenliang Chen, Zhenghua Li and Min Zhang .....	14