Joint Workshop on Unsupervised and Semi-Supervised Learning in NLP 2012

(ROBUS-UNSUP 2012)

Held at the 13th Conference of the European Chapter of the Association for Computational Linguistics (EACL 2012)

Avignon, France 23 – 27 April 2012

ISBN: 978-1-62276-490-7

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© (2012) by the Association for Computational Linguistics All rights reserved.

Printed by Curran Associates, Inc. (2012)

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

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 Web: www.proceedings.com

Table of Contents

Fast Unsupervised Dependency Parsing with Arc-Standard Transitions Mohammad Sadegh Rasooli and Heshaam Faili	1
Dependency-Based Open Information Extraction	
Pablo Gamallo, Marcos Garcia and Santiago Fernández-Lanza	10
Sweeping through the Topic Space: Bad luck? Roll again!	
Martin Riedl and Chris Biemann	19
Clustered Word Classes for Preordering in Statistical Machine Translation Sara Stymne	28
Improving Distantly Supervised Extraction of Drug-Drug and Protein-Protein Interactions Tamara Bobic, Roman Klinger, Philippe Thomas and Martin Hofmann-Apitius	35
Robust Induction of Parts-of-Speech in Child-Directed Language by Co-Clustering of Words and texts	Con-
Richard E Leibbrandt and David MW Powers	44
Dependency Parsing Domain Adaptation using Transductive SVM	
Antonio Valerio Miceli Barone and Giuseppe Attardi	55