

26th Conference on Computational Linguistics and Speech Processing

(ROCLING 2014)

**Zhongli, Taiwan
25 – 26 September 2014**

Editors:

**C. Chang
H. Wang
J. Chien**

**H. Kao
S. Wu**

ISBN: 978-1-63439-624-0

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. (2015)

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

Proceedings of the Twenty-Sixth Conference on Computational Linguistics and Speech Processing" ROCLING XXVI (2014)"

TABLE OF CONTENTS

Preface	i
---------------	---

Oral Session 1: Speech and Speaker Recognition

運用概念模型化技術於中文大詞彙連續語音辨識之語言模型調適

Po-Han Hao, Su-Cheng Chen and Berlin Chen	1
---	---

探究新穎語句模型化技術於節錄式語音摘要

Shih-Hung Liu, Kuan-Yu Chen, Yu-Lun Hsieh, Berlin Chen, Hsin-Min Wang, and Wen-Lian Hsu	3
--	---

台灣情緒語料庫建置與辨識

Bo Chang Chiou and Chia-Ping Chen	21
---	----

Sparse Representation Based Speaker Identification

Kuang-Yao Wang, and Jia-Ching Wang	31
--	----

Oral Session 2: Speech Processing and Synthesis

利用核依賴估計來進行多軌自動混音之研究

Tsung-Ting Wu and Chia-Hui Chang	42
--	----

Research of Hakka Word Segmentation Processes on Chinese-to-Hakka's Text-to-Speech
System

Hsin-Wei Lin, Feng-Long Huang, Ming-Shing Yu, and Yih-Jeng Lin	58
--	----

基於發音知識以建構頻譜 HMM 之國語語音合成方法

Hung-Yan Gu, Ming-Yen Lai, Wei-Siang Hong, and Yan-Hua Chen	78
---	----

Some Prosodic Characteristics of Taiwan English Accent

Chao-yu Su, Chiu-Yu Tseng, and Jyh-Shing Roger Jang 89

Oral Session 3:Text mining

網頁商家名稱擷取與地址配對之研究

Yu-Yang Lin and Chia-Hui Chang 91

Public Opinion Toward CSSTA: A Text Mining Approach

Yi-An Wu and Shu-kai Hsieh 94

Towards Automatic Enrichment of Standardized Electronic Dictionaries by Semantic Classes

Bilel GARGOURI, Imen ELLEUCH, and Abdelmajid Ben Hamadou 96

Collaborative Ranking between Supervised and Unsupervised Approaches for Keyphrase Extraction

Gerardo Figueroa and Yi-Shin Chen 110

Oral Session 4:Natural Language Processing

Semantic Representation of Ellipsis in the Prague Dependency Treebanks

Marie Mikulová 125

Sketching the Dependency Relations of Words in Chinese

Shih Meng-Hsien and Shu-kai Hsieh 139

使用中文字筆畫構形資料庫校正字形相似之別字

Tao-Hsing Chang, Hsueh-Chih Chen, and Jian-Liang Zheng 153

學術論文簡介的自動文步分析與寫作提示

黃冠誠 吳鑑城 許湘翎 顏孜曇 張俊盛 163

Poster Session:

以二維共振峰分布建立語者音色模型及其在語者驗證上之應用

Jia-Guu Leu, Jyh-Bin Shiau, Chang En Pu, Ming-Ching Lee, and Chia-Long Wu 165

Unsupervised Approach for Automatic Keyword Extraction from Arabic Documents

Arafat Atwi Awajan 175

Testing Distributional Hypothesis in Patent Translation

Hsin-Hung LIN and Yves Lepage	185
Spectrum Analysis of Cry Sounds in Preterm and Full-Term Infants	
Li-mei Chen, Yu-Hsuan Yang, Chyi-Her Lin, Yuh-Jyh Lin and Yung-Chieh Lin	193
Web-Based Recording and Visualization Framework for Moving Trajectories	
Po-An Yang, LiJung Chi, Kun-Ta Chuang, Seth Chen, Jonathan Tsai and Yung-Chung Ku	204