

Program of ROCLING XVI

September 2nd		
Time	Session	Chair
09:20-09:30	Opening Ceremony 李德財院士、鄭錦全院士	簡立峰教授 王新民教授
09:30-10:30	Keynote Speech - I Dr. Hsiao-Wuen Hon <i>Why should people care about Computational Linguistics and Speech Processing technologies?</i>	王駿發教授
10:30-11:00	Break	
11:00-12:20	Speech Recognition/Enhancement	王小川教授
	Information Extraction	陳克健教授
12:20-13:30	Lunch、中華民國計算語言學學會會員大會	
13:30-15:10	NLP Applications	吳宗憲教授
	Syntax/Semantics	黃居仁教授
15:10-15:40	Break	
15:40-17:20	Panel Discussion 中文處理技術的產業基會與挑戰	許聞廉教授
18:30-20:00	Banquet	

September 3rd		
time	Session	Chair
09:30-10:30	Keynote Speech - II Dr. Eric Chang <i>From the Lab to Ubiquity: Speech Technology's Road to Mainstream</i>	李琳山教授
10:30-11:00	Break	
11:00-12:20	Information Retrieval/Summarization	陳信希教授
	Speech Recognition & Language Learning	陳信宏教授
12:20-13:30	Lunch	
13:30-15:30	Translation & Acquisition	蘇克毅教授
	Speech Analysis/Synthesis	鄭秋豫教授
15:30-	Closing	

Speech Recognition/Enhancement

[September 2nd, 11:00-12:20, Room A](#)

利用小波聽覺分頻處理與訊號子空間分解於車內噪音消除
王駿發、楊宗憲、張凱行

聚集事後機率線性迴歸調適演算法應用於語音辨識
黃志賢、王奕凱、簡仁宗

非監督式學習於中文電視新聞自動轉寫之初步應用

郭人瑋、蔡文鴻、陳柏琳

A Noise Estimator with Rapid Adaptation in Variable-Level Noisy Environments

Bing-Fei Wu and Kun-Ching Wang

Information Extraction

[September 2nd, 11:00-12:20, Room B](#)

A Three-Phase System for Chinese Named Entity Recognition

Conrad Chen and Hsi-Jian Lee

主題導向之非結構化文本資訊擷取技術

劉吉軒、翁嘉緯

Finding Relevant Concepts for Unknown Terms Using Web-based Corpora

Chen-Ming Hung and Lee-Feng Chien

Visualizing the Terms of Computational Linguistics with Self-Organizing Maps

Sung-Chien Lin

NLP Applications

[September 2nd, 13:30-15:10, Room A](#)

Applying Meaningful Word-Pair Identifier to the Chinese Syllable-to-Word

Conversion Problem

Jia-Lin Tsai, Tien-Jien Chiang, and Wen-Lian Hsu

語料庫統計值與全球資訊網統計值之比較：以中文斷詞應用為例

林筱晴、陳信希

Pronominal and Sortal Anaphora Resolution for Biomedical Literature

Tyne Liang and Yu-Hsiang Lin

利用自然語言處理技術自動產生英文克漏詞試題之研究

王俊弘、劉昭麟、高照明

An Infrastructure for Creating Web Automation Applications

Wen Heng Yen, Hao-Ren Ke, and Wei-Pang Yang

Syntax/Semantics

[September 2nd, 13:30-15:10, Room B](#)

現代漢語複合動詞之詞首詞尾研究

邱智銘、駱季青、陳克健

語法規律的抽取及普遍化與精確化的研究

謝佑明、楊敦淇、陳克健

A Resolution for Polysemy: the case of Mandarin verb "走"

Yaling Hsu and Meichun Liu

Too Good to Be True: A Case Study of “*Zui Hao Shi*”

Hsiang-nan Gustav Chou

Functional Distinction between zai (在) and zhengzai (正在) in Mandarin – Evidence from Collocation

Lin, Tsi-chun and Liu, Mei-chun

Information Retrieval/Summarization

[September 3rd, 11:00-12:20, Room A](#)

中文手機新聞簡訊自動摘要

Yuen-Hsien Tseng

Using the Web as Corpus for Un-supervised Learning in Question Answering

Yi-Chia Wang, Jian-Cheng Wu, Tyne Liang, and Jason S. Chang

應用主題相關語料庫和語意相依法則於中文語音文件之摘要

黃建霖、謝嘉欣、吳宗憲

具相關資訊回饋能力之貝氏混合式機率檢索模型
簡仁宗、楊敦淇

Speech Recognition & Language Learning

[September 3rd, 11:00-12:20, Room B](#)

藍芽無線環境下中文語音辨識效能之評估與分析
陳銀城、譚旦旭、王新民、蔡偉和

華台雙語發音變異性之語音辨識研究及 PDA 之應用
呂道誠、謝鴻文、李勇憲、劉仲英、許鈞南、江永進、呂仁園

以語音辨識與評分輔助口說英文學習
陳江村、羅瑞麟、張智星、李俊仁

The Design of Computer Multimedia Material for English Language Learning
Yu liang Ting and Yaming Tai

Translation & Acquisition

[September 3rd, 13:30-15:30, Room A](#)

Collocational Translation Memory Extraction Based on Statistical and Linguistic Information

Jia-Yan Jian, Yu-Chia Chang, and Jason S. Chang

A New Two-Layer Approach for Spoken Language Translation

Jhing-Fa Wang, Shun-Chieh Lin, and Hsueh-Wei Yang

結合統計與語言訊息的混合式中英雙語句對應演算法
林語君、高照明

(Sinica BOW)：結合詞網，知識本體，與領域標記的詞彙知識庫
張如瑩、黃居仁

以語法分析為輔建立新聞名詞知識庫
楊昌樺、陳信希

The Construction of a Chinese Named Entity Tagged Corpus: CNEC1.0
Cheng-Wei Shih, Tzong-Han Tsai, Shih-Hung Wu, Chiu-Chen Hsieh, and
Wen-Lian Hsu

Speech Analysis/Synthesis

[September 3rd, 13:30-15:30, Room B](#)

應用機率式句法結構與隱含式語意索引於情緒語音合成之單元選取
陳俊甫、夏啟峻、吳宗憲

仿趙氏音高尺度之基週軌跡正規化方法及其應用
古鴻炎、張小芬、吳俊欣

基於反轉檔查找與最佳片段選取演算法的中文語音合成系統
林政源、謝明峰、張智星

Improved prosody module in a Text-to-Speech system
Wego Liao and Lynn Shen

The Construction and Testing of a Mandarin Emotional Speech Database
Tsang-Long Pao , Yu-Te Chen, Jhih-Jheng Lu, and Jun-Heng Yeh

Detecting Emotions in Mandarin Speech
包蒼龍、陳育得、葉俊亨、陸至正