## **Table of Contents**

| Foreword   | 3   |
|--|-----|
| Invited Talk   | 7   |
| <b>Processing and Representing Temporally Sequential Events</b><br>Kiyong Lee, Korea University  | 9   |
| Machine Learning based NLP: Experiences and Supporting Tools<br>Yuji Matsumoto, Nara Institute of Science and Technology                                       | 15  |
| Text-based Construction and Comparison of Domain Ontology: A Study Based<br>on Classical Poetry<br>Chu-Ren Huang, Academia Sinica                              | 17  |
| Oral Session   | 21  |
| An Adjacency Constraint on Argument Selection<br>Kei Takahashi and Kiyoshi Ishikawa  | 23  |
| Towards a Proper Treatment of Adjuncts in Japanese<br>Kenji Yokota   | 35  |
| An Analysis of the Korean [manyak V-telato] Construction: An Indexed<br>Phrase Structure Grammar Approach<br>Hee-Rahk Chae                                     | 47  |
| An Analysis of Japanese ta / teiru in a Dynamic Semantics Framework and a Comparison with Korean Temporal Markers a nohta / a twuta<br>Yoko Mizuta             | 59  |
| <b>Relational Nouns as Anaphors</b><br>Hiroaki Nakamura and Yoshiki Mori   | 71  |
| Capturing and Parsing the Mixed Properties of Light Verb Constructions in a<br>Typed Feature Structure Grammar<br>Jong-Bok Kim, Jaehyung Yang and Incheol Choi | 81  |
| Japanese Subjects and Information Structure: A Constraint-based Approach<br>Akira Ohtani and Yuji Matsumoto  | 93  |
| High WSD Accuracy Using Naive Bayesian Classifier with Rich Features<br>Cuong Anh Le and Akira Shimazu   | 105 |
| Automatic Discovery of Telic and Agentive Roles from Corpus Data<br>Ichiro Yamada and Timothy Baldwin  | 115 |
| Bilingual Knowledge Extraction Using Chunk Alignment<br>Young-Sook Hwang, Kyonghee Paik and Yutaka Sasaki  | 127 |
| Pruning False Unknown Words to Improve Chinese Word Segmentation<br>Chooi-Ling Goh, Masayuki Asahara and Yuji Matsumoto  | 139 |
| <b>Ontology-based Prediction of Compound Relations: A Study Based on SUMO</b><br>Jia-Fei Hong, Xiang-Bing Li and Chu-Ren Huang                                 | 151 |

| <b>Treebank-Based Acquisition of a Chinese Lexical-Functional Grammar</b><br>Michael Burke, Olivia Lam, Aoife Cahill, Rowena Chan, Ruth O'Donovan, Adams Bodomo, Josef van<br>Genabith and Andy Way | 161 |
|---|-----|
| Constructing English Reading Courseware<br>Masao Utiyama, Midori Tanimura and Hitoshi Isahara   | 173 |
| Acquiring Compound Word Translations Both Automatically and Dynamically<br>Yujie Zhang and Hitoshi Isahara  | 181 |
| Integrated Use of Internal and External Evidence in the Alignment of Multi-<br>Word Named Entities<br>Takeshi Kutsumi, Takehiko Yoshimi, Katsunori Kotani, Ichiko Sata and Hitoshi Isahara          | 187 |
| Tiny Corpus Applications with Transformation-Based Error-Driven Learning:<br>Evaluations of Automatic Grammar Induction and Partial Parsing of SaiSiyat<br>Zhemin Lin and Li-May Sung               | 197 |
| A Unified Model of Thai Romanization and Word Segmentation<br>Wirote Aroonmanakun and Wanchai Rivepiboon  | 205 |
| Interactive Session   | 215 |
| Scalar Meanings of the Concessive (-to), the Contrastive Topic Marker (-nun)<br>and -man 'only' in Korean (and Japanese)<br>Chungmin Lee  | 217 |
| On Argument-Adjunct Asymmetry of Sluicing in Mandarin Chinese<br>Li-Chi Lee Chen  | 227 |
| A Contrastive Study of Function Verbs in English and Japanese: Cut and Kiru<br>Asako Otomo  | 235 |
| Effects of Mora Phonemes on Japanese Word Accent<br>Yasuyo Tokuhiro and Shizuo Hiki   | 243 |
| Incorporating Pronunciation Variation into Different Strategies of Term<br>Transliteration<br>Jin-Shea Kuo and Ying-Kuei Yang   | 251 |
| Extraction of Cognition Results of Travel Routes with a Thesaurus<br>Kazutaka Takao and Yasuo Asakura   | 259 |
| Adaptive Word Sense Tagging on Chinese Corpus<br>Sue-Jin Ker and Jen-Nan Chen   | 267 |
| Generating Paired Transliterated-cognates Using Multiple Pronunciation<br>Characteristics from Web Corpora<br>Jin-Shea Kuo and Ying-Kuei Yang   | 275 |
| Chinese-English Parallel Corpus Construction and its Application<br>Baobao Chang  | 283 |
| <b>Developing an Automated Test of Spoken Japanese</b><br>Yasunari Harada, Masanori Suzuki and Jared Bernstein  | 291 |
| Three English Learner Assistance Systems Using Automatic Paraphrasing<br>Techniques<br>Masaki Murata and Hitoshi Isahara  | 299 |
| Committees  | 307 |