# Proceedings of the 28th Pacific Asia Conference on Language, Information and Computation (PACLIC 28)

Edited by

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Acknowledgments

PACLIC 28, the 28th Pacific Asia Conference on Language, Information and Computation, is organized by Department of Linguistics, Chulalongkorn University (CU), Language and Semantic Technology Laboratory, National Electronics and Computer Technology Center (NECTEC), and Sirindhorn International Institute of Technology (SIIT), under the auspices of PACLIC Steering Committee.

We gratefully acknowledge the support from the Chula Global Network, the Division of Research Development and Promotion, and the Research Affairs Division, Faculty of Arts.

#### Welcome Message

Distinguished scholars and colleagues,

It is my great pleasure and honour to be here today to open the 28<sup>th</sup> Pacific Asia Conference on Language, Information and Computing which is held in Thailand for the first time.

This year's PACLIC annual meeting maintains the long-standing mission of PACLIC conferences to emphasize the synergy of theoretical analysis and processing of language, and to serve as a venue for scholars working on issues pertaining to different languages in the Pacific-Asia region to share their findings and experiences. It provides wonderful opportunities for participants to build a strong academic network, be enlightened by new insights, get entertained intellectually, and return home ready to initiate new significant contribution.

For the past years since its establishment, the PACLIC conferences have gained more and more interests and participations from linguistic researchers, as evidenced by the increasing number of papers and by the wider range of topics. Likewise, the current PACLC conference has received an overwhelming response of 151 papers from 27 countries or regions namely China, Hong Kong, Japan, Republic of Korea, Taiwan, Indonesia, Malaysia, Philippines, Thailand, Vietnam, India, Pakistan, Kazakhstan, Czech Republic, Finland, France, Germany, Ireland, Norway, Romania, Russian Federation, United Kingdom, United States, Egypt, Tunisia, New Zealand and Australia. (78.15% from 13 regions in Asia, 13.24% from 9 regions in Europe, 3.97% from the United States, 2.65% from Africa, 1.33% from New Zealand, and 0.66% from Australia). To ensure that all accepted papers meet the high quality standard of the PACLIC conference, each submission was reviewed by three reviewers. As a result, only approximately 37% of top-notch academic papers were accepted for oral presentations and 13% for poster sessions. From these accepted papers, 69 papers were presented and published in this proceedings.

Ladies and gentlemen, the successful conference is the result of tremendous efforts and contributions from several parties. We congratulate the Department of Linguistics, Chulalongkorn University, the National Electronics and Computer Technology Center (NECTEC) and Sirindhorn International Institute of Technology (SIIT) for their collaboration towards this significant achievement. We would like to take this opportunity to thank our keynote and invited speakers, namely Professor Mark Steedman and Professor Bonnie Webber from the University of Edinburgh, Professor Christian Matthiessen from Hong Kong Polytechnic University, Dr.Virach Sornlertlamvanich from the Technology Promotion Association (Thailand-Japan), Professor Jae-Woong Choe from Korea University, and Professor Min Zhang from Soochow University. We are overwhelmed with a sense of gratitude for the presenters and colleagues for donating your valuable time to attend and enrich this conference. We also wish to extend our sincere appreciation to the steering committee for their guidance and to the organizing

team for their essential supports and dedicated works. Last but not least, we remain profoundly grateful to the sponsors: Chula Global Network, the Division of Research Development and Promotion, and the Research Affairs Division, Faculty of Arts.

It is now time to declare the 28th Pacific Asia Conference on Language, Information and Computing open. May this conference succeed in all its aims and may it stimulate broader insights into theoretical and computational linguistics for all participants and related organizations.

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