



Computer and the Global Ascension of the Chinese Language

電腦和中文崛起

Prof. Benjamin K. Tsou

City University of Hong Kong,
The Hong Kong University of Science and Technology,
The Chinese University of Hong Kong
Hong Kong SAR, China

Abstract

Following the rising status of China, the Chinese language has also gained global popularity and significance. Given the unique Chinese writing system and its non-European linguistic typology, there have been major hurdles encountered in early attempts to harness the power of the computer to process the Chinese language in a meaningful way until recently.

This talk will focus on how technological advancements have enabled the productive use of the computer and computational techniques to elevate the appreciation of the Chinese language, culture and society as they gain increasingly significant global status today.



Biography



Benjamin K. Tsou (M.A.-Harvard University, Ph.D.-U.C. Berkeley, and Academician, Royal Academy of Overseas Sciences of Belgium) is Adjunct Professor at the Chinese University of Hong Kong, and at the Hong Kong University of Science and Technology, as well as Emeritus Chair Professor of Linguistics and Language Sciences, City University of Hong Kong.

He worked on Machine Translation at MIT and UC Berkeley for many years, and since 1995 has cultivated the largest dynamically maintained synchronous corpus of Chinese, LIVAC (https://en.wikipedia.org/wiki/LIVAC_Synchronous_Corpus). He has published widely in computational linguistics and sociolinguistics, and is the founding President of the Asian Federation of Natural Language Processing, and serves on the Standing Committee of the Executive Board of the Chinese Information Processing Society of China. His latest publication is *Linguistic Corpus and Corpus Linguistics in the Chinese Context* (*Journal of Chinese Linguistics* Monograph Series No. 25) 2015.

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Contacts: Dr. Derek F. Wong / Dr. Lidia S. Chao
Telephone: (853) 8822-8051
Website: <http://nlp2ct.cis.umac.mo/>

Address:
E11-2023, University of Macau,
Avenida da Universidade,
Taipa, Macau, China