WUDSN

Waseda University Doctoral Student Network

Speaker:Mr. Ye Kyaw Thu
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- B.Sc. degree in Physics from Dangon University, Myanmar in 2000.
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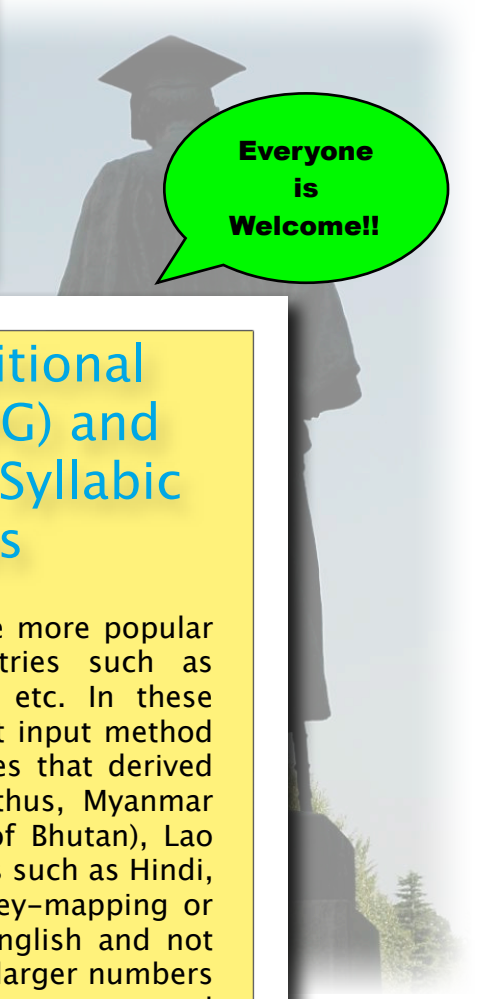
DATE
12/2 (Tue)



Introduction to Concepts of Positional Mapping(PM), Positional Gesture(PG) and Positional Prediction (PP) for Asian Syllabic Languages on Mobile Devices

I believe that text typing on small mobile devices will become more popular and necessary communication in Asian developing countries such as Myanmar, Bangladesh, Nepal, Bhutan, Laos and Cambodia etc. In these countries, however, there in no efficient and user-friendly text input method for mobile devices yet. Asian languages are syllabic languages that derived from Indic script or Brahmi around BC third century. And thus, Myanmar language or Burmese, Bengali, Nepali, Dzongkha (language of Bhutan), Lao and Khmer have common writing natures with Indian languages such as Hindi, Marathi, Punjabi and Tamil etc. But current mobile devices key-mapping or text input methods such as multi-tap or T9 are based on English and not directly applicable to syllabic languages are different and have larger numbers of characters than English alphabets. My research looks for common and user-friendly keyboard mapping and text input methods for Asian syllabic languages based on their word formation or writing natures for mobile devices. I have already proposed 1)Positional Mapping (PM) for mobile phone or Personal Digital Assistant (PDA) keyboard mapping 2)Positional Gesture (PG) for gesture text input interface and 3)Positional Prediction (PP) for consonant cluster predictive text input.

日時	2008年12月2日（火）18：00～20：00
Date	Tuesday, December 2nd, 18：00～20：00
会場	早大西早稲田 ビル19号館　314号室
Venue	Sodai-Nishiwaseda Bldg 19 Room 314
Organizer	WUDSN / Supported by GIARI

Language: English

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