



香港城市大學  
City University of Hong Kong

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DEPARTMENT OF  
SOCIAL & BEHAVIOURAL  
SCIENCES 社會及行為科學系

## SS Research Salon

### Using ERPs in Psycholinguistic Research: An Introduction

Dr. WONG Wing Kuen (黃永權博士)

Assistant Professor

City University of Hong Kong



- Date** : 28 March 2019 (Thursday)  
**Time** : 12:00 noon – 1:00 pm  
**Venue** : Room Y7302, SS Multi-function Room  
Yeung Kin Man Academic Building, City University of Hong Kong  
**Moderator** : Dr. Ho Wing Chung (Associate Professor)  
**Language** : English

#### *Abstract*

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The event-related potential (ERP) technique, one of the most well established methodologies in cognitive neuroscience, is a powerful and useful research tool for the exploration of human mind and brain. This talk will provide a general background of this technique, including the physiological basis of this approach, the nature of the signals acquired, and how ERP data can be used to reveal cognitive processes and address issues about human mind and brain functioning. The possibilities, as well as limitations, of this technique will be discussed along with examples of how this method can be used to address questions about human language processing.

#### *Biosketch*

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Dr. Wong worked as a Post-Doctoral Fellow in the Faculty of Education (Division of Speech and Hearing Sciences) and the Institute of Human Performance at the University of Hong Kong before joining the Department of Social and Behavioural Sciences at the City University of Hong Kong in 2013. His research interests include 1) Language processing, 2) Speech production, 3) Speech motor learning and control, 4) Stress and speech performance, 5) Visual word recognition, and 6) Communication disorders. He uses both behavioral and cognitive neuroscience approaches in his study.

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**After the Salon, light lunch with drink will be provided for SS faculty members and research students. Interested participants must make reservation via email ([violette.wong@cityu.edu.hk](mailto:violette.wong@cityu.edu.hk)) before 21 March 2019.**

*All Are Welcome*