



Lexical Context Effect on Speech Perception across Languages

Professor Arthur G. Samuel
Professor of Psychology, Stony Brook University

October 20, 2017 (Friday)
Room 802, Meng Wah Complex, HKU
6:15 – 7:30 pm
Chair: Dr Shelley Tong

Abstract:

Perception of a segment in a word is driven not only by the acoustics of the signal, but also by the context, especially the lexical context. We have run a number of studies that demonstrate that lexical activation actually leads to the perception of a particular phonemic segment when the signal is missing or ambiguous. Experiments run in a person's first language, second language, or third language tell us about how well this top-down lexical support works in native versus non-native word recognition.

About the speaker:



Arthur G. Samuel is a Professor of Psychology in the Department of Psychology at Stony Brook University and Ikerbasque Research Professor at Basque Center on Cognition, Brain and Language. He received his Ph.D from UCSD in 1979. His research interests include perception, language, and attention. The majority of his research has been at the intersection of these three domains: spoken word recognition. He has published extensively on lexical influences on phonetic perception. His current work is primarily concerned with how humans process incoming information, involving its perception, comprehension, and encoding into memory.

Professor Samuel has published his research works in many book chapters, journal articles and conference proceedings papers.

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