Evidence-Based Language Learning

Dr Wenta Tseng
Department of Applied Foreign Languages
National Taiwan University of Science and Technology

November 9, 2018 (Friday)
12:45 – 14:00
Room 401 - 402, Meng Wah Complex, HKU
(Chair: Dr Mairin Hennebry)

Abstract:
This workshop introduces the advantages and strengths of using meta-analysis to combine and synthesize diverse empirical findings of a focal research object in applied linguistics. In the workshop, I will introduce the general procedures for meta-analysis: formulating the question, defining eligibility, identifying studies, abstracting data, coding, statistical analysis, and reporting the results. One key issue in meta-analysis is to check whether heterogeneity exists among primary studies. To address the issue, both fixed effect and random-effects models will be further introduced. The examples will be directly taken from published studies in SLA and analyzed by both univariate and multivariate meta-analytic techniques.

About the speaker:
Dr Wenta Tseng is Associate Professor at the Department of Applied Foreign Languages of the National Taiwan University of Science and Technology. He has extensive expertise in the use of psychometrics in Second Language Acquisition, employing methods such as Multivariate Meta-Analysis & Statistics, Structural Equation Modeling, Item Response Theory, Multi-level Modeling and Computerized Adaptive Testing particularly to understand issues in vocabulary acquisition and individual differences in Language learning. He is Editor of the Sage Open Journal and has published in a range of leading journals including Language Learning and Applied Linguistics and the British Journal of Educational Technology.

~ All are welcome ~

For enquiries, please contact the Office of Research at 3917 8254.