Facilitating Basic and Applied Research of Education through Computer Technologies: Starting from the Pasteur's Quadrant

Professor YAO-TING SUNG
Executive Vice President,
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March 19, 2019 (Tuesday)
10:45 – 12:30
Room 401-402, Meng Wah Complex, HKU
(Chair: Dr Chin-Hsi Lin)

Abstract:
One of the critical issues of educational studies is the connection of and balance between basic and applied research. Based on D.E. Stroke’s (1997) Pasteur’s Quadrant and illustrated by the lecturer’s own research experiences in psychological testing and language learning, this speech will inform researchers how to seek solutions to solving practical problems, while embracing theoretical and technical innovations.

About the speaker:
Professor Yao-Ting Sung is Chair Professor and Vice-President of National Taiwan Normal University (NTNU), Taipei, Taiwan. He teaches and conducts research in language acquisition and learning, educational psychology, computer-assisted learning, and assessment. Professor Sung is leading two research centers in NTNU; the first one is the Center of Learning Technology for Chinese, which is a world-renowned center for using advanced technology in Chinese language learning; the second one is the Research Center of Psychological and Educational Testing, which is responsible for the national entrance examination for senior high schools and vocational high schools in Taiwan. He also directs research teams that study mobile learning, automated evaluation of text readability, computerized diagnostic assessments and career assessments. Having published more than 100 articles in world-leading journals, Professor Sung’s research and practices contribute to the fields of language and educational psychology and assessment. He has received numerous prestigious research awards in Taiwan, including the award of outstanding research by the Ministry of Science and Technology. Professor Sung is now serving as editorial board member of several international journals, Editor-in-Chief of the Journal of Research in Education Sciences, and editor of the Chinese Language Learning Sciences series published by Springer.

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