

Scale Development and Validation

The development and validation of scales in psychometrics involves several essential steps to ensure the reliability and validity of measurement instruments. This workshop will be divided into two parts. The first part will outline the key steps and procedures in scale development and validation studies, including, 1) conceptualisation, 2) item generation, 3) pilot testing, 4) factor analysis, 5) reliability testing, and 6) validation or adaptation,. In the second part, the workshop will provide demonstrations using major software, including SPSS and R, to illustrate the syntax for various critical steps in scale development and validation, such as confirmatory factor analysis (CFA), particularly focusing on the use of different CFA estimators and bi-factor analysis as advocated by scholars in recent years. This session will also explore sources of datasets for psychometric studies and highlight the importance of scale development and validation in intervention research.



THURSDAY
20/03/2025



TIME
1630 - 1800

Rm 209, Main Building, Hong Kong Shue Yan University



Prof Sai-fu Fung
City University of Hong Kong