



# RELIABILITY AND VALIDITY OF MEASUREMENT IN ASSESSMENT AND RESEARCH IN MEDICAL EDUCATION

## ▼ DATE

15 July 2019 (Monday)

## ▼ TIME

8:30am – 5:00pm

## ▼ VENUE

International Medical University,  
Bukit Jalil, Kuala Lumpur,  
Malaysia

## ▶ KEYNOTE SPEAKERS ◀



**Prof Shahid Hassan**

MHPE, Maastricht,  
School of Medicine / IMU Centre for Education,  
International Medical University



**Dr Shamala Ramasamy**

PhD, Department of Psychology,  
School of Medicine,  
International Medical University

**R**esearch in medical education revolves around deciding on a test. Objective, designing, developing and evaluating of a test. The evaluation phase is very crucial before and after the administration of a test. Evaluation to analyse assessment performed on targeted group of students, can help refine the test to benefit the subsequent batches of students. The aim of the Psychometrics of measurement is to conduct the reliability and validity measures in order to improve the quality of assessment and research in medical education. This may include preparation of table of specification of a specified designed test. Participants will be exposed to these concepts of measurement evaluation in this workshop.

## HIGHLIGHTS

Validity and reliability are two quality indicators for written and clinical tests. A one-day hands-on course will be offered to academic faculty to look into practical measures so as to enhance the knowledge of reliability and validity of their assessment scores in examination.

## OBJECTIVES

- To perform important reliability tests to analyze data of their respective assessment design
- Demonstrate a comprehensive understanding of the concept of validity in assessment
- Explain standard error of measurement and its application in reliability estimate in future assessment practice
- Produce reliability and validity evidences of assessment in health professions education practice with extended and restricted response questions

## REGISTRATION FEE

(fee is per pax)

Early Bird (By 4 June 2019)	Regular
<b>RM300</b>	<b>RM350</b>



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## CONTACT US

### SECRETARIAT

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Please indicate whether this is your office or home address: ORGANISATION  HOME

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ORGANISATION'S WEBSITE (IF ANY):

ARE YOU AN IMU ALUMNI MEMBER? YES  NO

DIETARY NEEDS/PREFERENCE: VEGETARIAN  NON-VEGETARIAN

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## CANCELLATION POLICY

- Any cancellation of registration must be made in writing to the Secretariat of Workshop on Reliability and Validity of Measurement in Assessment and Research in Medical Education.
- There will be full refund of registration fee for cancellation made by 15 May 2019.
- There will be a 50% refund of registration fee for cancellation made before 15 June 2019.
- There will be a 30% refund of registration fee for cancellation made before 30 June 2019.
- There will be no refund of registration fee for cancellations made after 30 June 2019.
- The Organiser reserves the right to cancel or change the topic of the workshop, if for whatever reasons beyond its control, the workshop cannot be held as scheduled or the topics need to be altered.

## DECLARATION AND AUTHORISATION

- I confirm that the above information is correct and I will inform IMU when there is any change to this information.
- I have read, understood and consent to the processing of my personal data as set out in the enclosed Privacy Notice.

Signature

Date

### DISCLAIMER:

The organiser reserves the right to make such alterations to the programmes as circumstances dictate and will not accept responsibility for any errors, omissions or changes made to the speakers' information. The views and opinions expressed by the speakers at this workshop are not necessarily the views and opinions of the organiser.