European Association of Methodology

Short-Course

Title: Mixed-Methods Research for developing assessment instruments and validating educational and psychological measurements

Date: September 16-18

Number of sessions: 3 (September 16th and 17th from 16:00 to 19:00, and September 18th from 16:00 to 18:00; CEST)

Format: online

Hours: 8

Maximum number of online-participants: 40

Educational aim: To provide attendees with the initial knowledge, skills and competencies to use mixed-methods research for the development of assessment instruments, and for obtaining validity evidence by integrating quantitative and qualitative methods.

Learning outcomes:

By the end of the course, students will be able to:

(1) Understand the conceptual foundations of mixed-methods research.
(2) Identify strategies for achieving integration across the different phases of a test or questionnaire development and of a validation study.
(3) Weigh pros and cons of different qualitative methods: focus group, interview, and web probing, for defining and finding behavioural indicators of the intended constructs during the test and questionnaire development.
(4) Recognize the main issues when designing a mixed-methods study and how to integrate psychometrics and qualitative findings.
(5) Specify analytic strategies for analysing qualitative data including IA tools.
(6) Report mixed-methods studies for publishing and disseminating and scientific forums.

Subjects:

- Fundamental of mixed-methods research.
- "Integration" as the key principle for conducting mixed-methods research.
- Contributions of qualitative methods: focus groups, interviews, and web probing, to test and questionnaire development and validation studies.
- Desing of a mixed-methods research.
- Integration of psychometrics and qualitative findings.

- Reporting of mixed-methods results.