

Invitation  
to  
Research  
Webinar

New South  
Wales Institute  
for Educational  
Research  
(NSWIER)

in collaboration with

Western  
Australian  
Institute for  
Educational  
Research  
(WAIER)

South  
Australian  
Institute for  
Education  
Research  
(SAIER)

ACER

# Spring Webinar 2022

## Quantitative methodologies

Presented by

### Dr Goran Lazendic (ACER)

#### Introduction to educational measurements and scales

The aim of this presentation is to provide an abbreviated conceptual background of key concepts and describe some common educational measurement scales. Including their implementation in large-scale educational assessments.

### Dr Keiko Bostwic (UNSW)

#### Psychometrics in Practice – An Example from the Culturally Nourishing Schools Project

Researchers often develop new measures to appropriately address their research questions. It is critical for researchers to engage in rigorous assessments of quality of these new measures. This presentation provides a demonstration of how researchers make decisions about scale development and the process of assessing psychometric quality.

<b>WHEN</b>	Tuesday, 11 October 2022 New South Wales 7.00 pm-8.30 pm South Australia 6.30 pm-8.00 pm Western Australia 4.00 pm-5.30 pm
<b>WHERE</b>	Online webinar via MS Teams platform Register your attendance at <a href="https://forms.office.com/r/wASdtC9tt6">https://forms.office.com/r/wASdtC9tt6</a> Webinar link will be emailed to you on Tuesday, 11 October 2022
<b>COST</b>	Free
<b>HOSTED BY</b>	<a href="#">NSWIER</a> , <a href="#">SAIER</a> , <a href="#">WAIER</a> , and <a href="#">ACER</a> (Australian Council for Educational Research)

# About the presenters



**Dr Goran Lazendic (ACER)** is Research Director Systemwide Testing and Manager Sydney Office at Australian Council for Educational Research. His research experience and interest include large-scale assessments, educational measurement, multistage adaptive tests, and the science of learning. He holds PhD in cognitive psychology from the University of New South Wales.



**Dr Keiko Bostwick (UNSW)** is a Postdoctoral Research Fellow with the Culturally Nourishing Schooling Project and co-founder of Educational Psychological Research Group Roundtable at the University of New South Wales, Sydney. Keiko has expertise in psychometrics and advanced quantitative methods, including longitudinal multilevel structural equation modelling and exploratory bi-factor structural equation modelling.