



Researching education, improving learning

This is to certify that:

**Dr. Laura Ringienė**

participated virtually in the

**Structural Equation Modeling (SEM) with  
Large-Scale Assessment Data Workshop**

23-27 November, 2020

Agnes Stancel-Piatak  
IEA Hamburg

A handwritten signature in black ink, appearing to read "A. Stancel-Piatak".

Minge Chen  
IEA Hamburg

A handwritten signature in black ink, appearing to read "Minge Chen".

Justin Wild  
IEA Hamburg

A handwritten signature in black ink, appearing to read "Justin Wild".