



Webinar 27: Critical Mathematical Thinking to Solve Real World Problems

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Vince Geiger is a professor of mathematics education within the Institute for Learning Sciences and Teacher Education (ILSTE), Australian Catholic University. He is Director of the STEM Education: Design and Growth Across the Disciplines program within ILSTE – an interdisciplinary research space focused on the enabling and transformative role of mathematics within the STEM disciplines and other areas of human endeavour. His work is driven by awareness that the capacity to know and use mathematics confidently is important for an individual's career prospects and their empowerment as informed citizens. This awareness has inspired over 100 research publications.

Vince joined ACU in 2005 after a successful 22-year career as a secondary school teacher of mathematics and science. Over that time, he held national positions such as President of the Australian Association of Mathematics Teachers and Chair of the National Education Forum. He subsequently enrolled in a PhD at The University of Queensland, a qualification he completed in 2009. He progressed rapidly from the award of his PhD to the rank of full professor in 2016. Vince's research has been supported by \$4 million of external competitive funding, including leadership of two ARC Discovery projects and one DECRA.