

Einladung

Würzburger Mathematisches Kolloquium

Julius-Maximilians-Universität Würzburg • Institut für Mathematik

Zetra Hainul Putra

University of Riau, Pekanbaru, Indonesia

Integration of Digital Technology in Mathematics Instruction in Elementary School: The Case of Teacher Professional Development in Indonesia

Dienstag, 24. Oktober 2023 • 14:15 Uhr

Seminarraum SE41 • Forschungsbau (Emil-Fischer-Straße 41, 97074 Würzburg)

Der Vortrag wird auch Zoom-Meeting übertragen: go.uni-wue.de/ifmcolloquium-zoom

Abstract. The development of science and technology has had a significant impact on the education paradigm in Indonesia. As a developing country, Indonesia is confronted with many breakthroughs in digital technology that require the government to reform the education curriculum in Indonesia. In 2022, the Government launched the new school curriculum, Kurikulum Merdeka, which provides space for teachers to be flexible in developing teaching and learning activities, including mathematics. Integrating digital technology in learning is a critical aspect for teachers to consider, particularly in elementary schools. In this respect, we designed a digital technology-based mathematics learning workshop, particularly GeoGebra, and attempted to assist elementary school teachers in using technology in mathematics learning. This workshop activity, which took place in 2021 – 2022, featured four working groups of elementary school teachers from four districts in Riau Province. The outcomes of this study reveal that teachers have a good attitude toward the use of digital technology, but they do not have sufficient competence in applying it. Apart from that, difficulties in integrating mathematics with technology provide a challenge in utilizing digital technology in mathematics learning in elementary schools.



<https://www.mathematik.uni-wuerzburg.de/de/aktuelles/kolloquium>

Alle sind herzlich eingeladen.

Die Dozentinnen und Dozenten der Mathematik

