



Mathematics & Mathematics Education Seminar



27 JANUARY 2026 (TUESDAY)
1300 to 1600 (1 – 4 pm)



MATH LAB 5
NIE7-B1-10

Talk 1 (1300 – 1400):

Two Scopus-indexed Journals on Mathematics Education: What, Why and How to Publish

The department of Mathematics Education Faculty of Teacher Training and Education in Universitas Sriwijaya has two journals on mathematics education. They are the Journal of Mathematics Education (IndoMS-JME – Scimago Q3) and the Mathematics Education Journal (MEJ – Scimago Q2). Both of them are indexed Q1 by Scopus. In this one-hour workshop, we will inform you the characteristics and how to be published in these journals.

Talk 2 (1400 – 1600):

New Tes Kompetensi Akademi (TKA), PISA, and PMRI in Indonesia

The introduction of the new Tes Kompetensi Akademik (TKA) represents a major shift in Indonesia's national assessment system to improve reasoning, problem solving, and mathematical literacy. In this talk, we analyse the relationship between TKA, the Programme for International Student Assessment (PISA), and Pendidikan Matematika Realistik Indonesia (PMRI). While PISA functions as an international benchmark for mathematical literacy through contextual problem solving, TKA serves as a curriculum-based instrument for diagnosing and improving learning quality. The article argues that PMRI, adapted from Realistic Mathematics Education (RME), provides a coherent pedagogical and assessment framework to align national and international demands. By emphasizing contextual problems, progressive mathematization, and guided reinvention, PMRI supports the development of competencies targeted by both TKA and PISA. The article concludes by providing some examples of TKA tasks that integrating PMRI principles to enhance the validity of national assessment and strengthen students' mathematical literacy in Indonesia.

Speakers:



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