

## PARALLEL SESSION

### Zoom Link:

Time: November 25<sup>th</sup>, 2025 03.15 pm Eastern Indonesia Time

### Join Zoom Meeting:

<https://us06web.zoom.us/j/88550853640?pwd=i3QDuRRAjJio1lOZViaobgML8YKTht.1>

**Meeting ID :** 885 5085 3640

**Passcode :** ICMMED25

**Class** : Ethnomathematics

**Room** : 01

**Moderator** : Eunike Mataheru, M.Pd.

Time	Number	Name	Title of Manuscripts
03.15 pm - 03.25 pm	1	Ahmad Rifai Siregar	Integrating Traditional Music and Technology in Circle Geometry Learning: A Learning Trajectory to Enhance Geometrical Reasoning
03.25 pm - 03.35 pm	2	Theresia Laurens	Transformation of Students' Cognitive Representations through Culture-Based Augmented Reality Learning Reviewed from Cognitive Load Theory
03.35 pm - 03.50 pm	Discussion		
03.50 pm - 04.00 pm	3	Wa Ode Dahiana	From Culture to Technology: A Qualitative Exploration of 3D Geometric Representation in Moluccas Buildings Through Augmented Reality
04.00 pm - 04.10 pm	4	Yohanis Ndapa Deda	Ethnomathematics in Traditional Houses of the Indonesian Archipelago: A Systematic Review
04.10 pm - 04.25 pm	Discussion		
04.25 pm - 04.35 pm	5	Christi Matitaputty	Error and Misconception Analysis of First-

Time	Number	Name	Title of Manuscripts
			Semester Mathematics Education Students in Determining Cone Surface Area and Volume Using a Fishing Net Context
04.35 pm – 04.45 pm	6	Susana Labuem	Comparison of Traditional Number Systems of the Aru, Malind, Amanuban, and Golo Tolang Tribes: A Study of Ethnomathematics Literature in the Archipelago
04.45 pm – 05.00 pm	Discussion		

**Class : Assessment in Mathematics Education**

**Room : 02**

**Moderator : Neneng Anastasyia, M.Pd.**

Time	Number	Name	Title of Manuscripts
03.15 pm - 03.25 pm	1	Vicardy Kempa	Problems in Developing Numeracy Skills at Elementary Schools in Ambon City
03.25 pm - 03.35 pm	2	Gunawan	Student Computational Thinking Skills Profile Reviewed from Self-Efficacy: A Case Study of Contextual Problems
03.35 pm - 03.50 pm	Discussion		
03.50 pm - 04.00 pm	3	Ria Noviana Agus	Integrating EEG and Visualization Strategies to Enhance Mathematical Modelling
04.00 pm - 04.10 pm	4	Magy Gaspersz	Measuring High School Students' Mathematical Power: Partial Credit Model (PCM)
04.10 pm - 04.25 pm	Discussion		
04.25 pm - 04.35 pm	5	Saddam Al Aziz	Assessment of Students' Mathematical Critical Thinking Through Deductive Indicators: A Study on Circle Problems
04.35 pm - 04.45 pm	6	Pietter Tulaseket	Analysis of Eighth-Grade Students' Mathematical Creative Thinking Ability at SMP Negeri 15 Ambon on Three-Dimensional Geometry Viewed from Self Regulated Learning (SRL)
04.45 pm - 05.00 pm	Discussion		
05.00 pm - 05.10 pm	7	Rifaldo R. Sigmarlatu	Students' Numeracy Literacy Ability in Solving Higher Order Thinking Skills (HOTS) Problems on Integer Material in Class VII of SMP Negeri 6 Ambon
05.10 pm - 05.20 pm	8	Shinta Sari	Self-Efficacy and Mathematical Literacy Skills of Pre-Service Mathematics Teachers in Solving Mathematical Literacy Problems
05.20 pm - 05.35 pm	Discussion		

**Class : Mathematics Learning Models, STEM in Mathematics Education**

**Room : 03**

**Moderator : Pieter Z. Tupamahu, M.Pd.**

<b>Time</b>	<b>Number</b>	<b>Name</b>	<b>Title of Manuscripts</b>
<b>03.15 pm - 03.25 pm</b>	1	Ika Muji Wahyuni	The Development And Validation Of A Digital Teaching Module Based On Learning Trajectory To Enhance Students' Critical And Creative Thinking In Geometry
<b>03.25 pm - 03.35 pm</b>	2	Muhammad Akfal T.	Students' Mathematical Problem Solving and Connection Abilities: The Role of Self-efficacy.
<b>03.35 pm - 03.50 pm</b>	<b>Discussion</b>		
<b>03.50 pm - 04.00 pm</b>	3	Dr. Susanah, M.Pd	Mathematics Education Students' Readiness in Developing Problem-Based Lesson Plan with Deep Learning Approach
<b>04.00 pm - 04.10 pm</b>	4	Vicardy Kempa	Integrating Deep Learning Models to Improve Students' Understanding Of Circles At SMA Negeri 1 Ambon
<b>04.10 pm - 04.25 pm</b>	<b>Discussion</b>		
<b>04.25 pm - 04.35 pm</b>	5	Maulani Meutia Rani	STEAM-PjBL: A Solution to Improve 4C Skills
<b>04.35 pm - 04.45 pm</b>	6	Gregoria Ariyanti	Development of GeoGebra Interactive Media for Volume of Rotating Objects
<b>04.45 pm - 05.00 pm</b>	<b>Discussion</b>		
<b>05.00 pm - 05.10 pm</b>	7	Rita Desfitri	Development of Learning Media: Challenges Encountered by Mathematics Education Students – A Case Study
<b>05.10 pm - 05.20 pm</b>	8	Anderson Leonardo Palinussa	Effectiveness of Project-Based Learning Based on Realistic Mathematics Education in Teaching Systems of Linear Equations in Two Variables to Eighth-Grade Students

Time	Number	Name	Title of Manuscripts
05.20 pm - 05.30 pm	9	Francis Yunito Rumlawang	Exploration of External Didactic Transposition on The Concept of Continuity of Function
05.30 pm - 05.45 pm	Discussion		

**Class** : Mathematical Physics, Dynamical Systems and Differential Equations, Mathematical Statistics, Calculus and Analysis

**Room** : 04

**Moderator** : Eka Triatna, S.Pd., M.Mat.

Time	Number	Name	Title of Manuscripts
03.15 pm - 03.25 pm	1	Vina Lusiana	A Deterministic SVEIQHR–SEI Mathematical Model for Monkeypox Transmission: Integrating Vaccination Strategy and Human–Rodent Interaction
03.25 pm – 03.35 pm	2	Meri Kase	Determination of Eigenvalues and Eigenvectors in Solving Linear Differential Equation Systems
03.35 pm – 03.50 pm	Discussion		
03.50 pm – 04.00 pm	3	Andrea Tri Rian Dani	Modeling Earth Skin Temperature and Cloud Amount: A Hybrid Fourier Series-Neural Network Approach for Kalimantan Environmental Patterns
04.00 pm – 04.10 pm	4	Nurhayati	Hybrid GSTAR–GJR-GARCH Modeling with Skew-t Innovations for Asymmetric Spatio-Temporal Volatility in Rainfall
04.10 pm – 04.25 pm	Discussion		
04.25 pm – 04.35 pm	5	Nur Khasanah	On the Generating Functions and Polynomial Relations of Chebyshev Polynomials of The First Kind
04.35 – 04.45 pm	6	Jamaludin	From Limits to Physical Reality: The Paradox of Instantaneous Velocity and Extreme Acceleration in Free Fall
04.45 pm – 05.00 pm	Discussion		