

LIST OF PARALLEL SPEAKERS

Physics (Day 1 / September 25, 2020)

Room : 6

Moderator : Dr. Rida Siti N.

	Author(s)	Title
P 1 13.00-13.15	Denny Darmawan	Microtremors Measurement Around Dengkeng Fault Line in Central Java
P 2 13.15-13.30	Judhistira Aria Utama	FROM NEAR-EARTH ASTEROID TO NEAR-SUN ASTEROID
P 3 13.30-13.45	Kuncoro Asih Nugroho	Reaction Order Parameters of Erythrocyte Sedimentation Rate, Neutrophil-to-Lymphocyte Ratio, and Platelet-to-Lymphocyte Ratio as Markers for Colorectal Carcinoma After Chemotherapy
P 4 13.45-14.00	M. Arief Bustomi	Testing of Low RPM BLDC Generator
P 5 14.00-14.15	Mustika Novananda Yusvinda	Structure interpretation using gravity spectral analysis and derivative method in Grindulu Fault, Pacitan, East Java
P 6 14.15-14.30	Miftakhul Maulidina	The Development of Electromagnetic Method to Reduce Noise Signals
P 7 14.30-14.45	Athi' Nur Auliati Rahmah	Improving Cajaput Oil Industry based on Carbon Nanodots
P 8 14.45-15.00	Aris Doyan	Optical Characteristics of Tin Oxide Thin Films Doped with Indium and Aluminum Using the Sol-Gel Spin Coating Technique
P 9 15.00-15.15	Bella Sinta Hikmasari	Design of prototype early warning system cold lava flood using FSR 402 sensor based on ATmega 328P microcontroler

Physics Education (Day 1 / September 25, 2020)**Room : 4****Moderator : Fika Fauzi, S.Si., M.Sc.**

	Author(s)	Title
PE 1 13.00-13.15	Wafda Nabila Azmy	Comic Indigenous (Bola Kasti) Based Android: The Development Integrate Problem Based Learning
PE 2 13.15-13.30	Rahmawati	Improving Problem-Solving Skill of Prospective Physics Teachers based on Their Logical Thinking Ability through Collaborative Learning on Electricity and Magnetism Topic
PE 3 13.30-13.45	Yuda Eka Kristiawan	Development of Interactive Video Learning Media Based On After Effects on Newton's Law about Gravity to Increase Learning Motivation and Learning Outcomes of Cognitive Domains for High School Students
PE 4 13.45-14.00	Arshi Alfianti	The Effectiveness of the Utilization of Kahoot Platform as Interactive Media in Physics Learning at SMA N 1 Pengasih
PE 5 14.00-14.15	Prisca Ires Viorezky Diamantika Radjibu	Improvement of Scientific Analysis and Communication Skills through the Application of SSP Physics Topic Impulse Momentum Based on Traditional Games "Patah Kaleng"
PE 6 14.15-14.30	Erlita Agustina	Development of Visual Literacy Test Instrument on High School Physics Material
PE 7 14.30-14.45	Supahar	THE EFFECT OF VIRTUAL LABORATORY APPLICATION OF PROBLEM-BASED LEARNING MODEL TO IMPROVE SCIENCE LITERACY AND PROBLEM-SOLVING SKILLS
PE 8 14.45-15.00	Rasydah Nur Tuada	Development of The Android-Based Interactive Physics Mobile Learning Media (IPMLM) with Scaffolding Approach on the Sound Wave to Improve Student Learning Independence
PE 9 15.00-15.15	Vina Beki Utami	Effectiveness of Project Teaching Kit with the STEM Approach on Newton's Law Material to Improving Scientific Literacy
PE 10 15.15-15.30	Almira Eka Damayanti	Developing android-based marbles game comics using group investigation model in physics learning

Physics Education (Day 1 / September 25, 2020)**Room : 5****Moderator : Khafidh Nur Aziz, M.Sc.**

	Author(s)	Title
PE 11 13.00-13.15	Yashinta Putri Sekarini	A new alternative to measure students' analytical thinking skill: a validity test for mechanics problem-based learning module
PE 12 13.15-13.30	Delson Albert Gebze	PHYSICS LEARNING USING ANDROID ASSISTED SM AND PHYSICS TO IMPROVE PROBLEM-SOLVING SKILL
PE 13 13.30-13.45	Maria Florensiana Trisakti Nirmala	Physics learning with e-book using Problem Based Learning (PBL) model to improve image representation ability of high school students on optical material
PE 14 13.45-14.00	Iron Ujulu	Students' Problem Solving Profile in Overcoming Sound Wave Concepts Based Students' Academic Abilities on Online Class
PE 15 14.00-14.15	Awal Mulia Rejeki Tumanggor	The Development of Diagnostic Test Instrument for Verbal Representation Ability in High School Physics Learning
PE 16 14.15-14.30	Siti Zahra Mulianti Natsir	Development of Physics Interactive Learning Media for Students Grade XI SMA Negeri 9 Makassar
PE 17 14.30-14.45	Arif Rahman Aththibby	Experiments in Physics Learning in the COVID-19 Era: Systematic Literature Review
PE 18 14.45-15.00	Mega Septiana Ika Rahayu	Android-based carrom game comics integrated with discovery learning for physics teaching
PE 19 15.00-15.15	Ferdi H. Latif	Analysis of Students' Misconceptions Using the Certainty of Response Index (CRI) on the Concepts of Work and Energy in SMA Negeri 1 Gorontalo Utara after online learning
PE 20 15.15-15.30	Ahmad Nur Wisnu Priyadi	Development of comics work and energy assisted android based on indigenous in Wonogiri
PE 21 15.30-15.45	Faruq Abdur Rouf	Prototype of Science Literacy Instruments on The Competence of Construction and Property Technology Expertise

Physics Education (Day 2 / September 26, 2020)**Room : 3****Moderator : Fika Fauzi, S.Si., M.Sc.**

	Author(s)	Title
PE 22 13.00-13.15	Maria Florensiana Trisakti Nirmala	Analysis of Validity and Reliability of Diagnostic Test of Picture Representation Ability in High School Physics Learning
PE 23 13.15-13.30	Narita Relly Millen	How to Measure Student's ICT Literacy using Physics E-Module for Mechanics Topic (Phem MeTo): A Validity Test
PE 24 13.30-13.45	Triman	Misconception Analysis To Know Understanding of the Concept of Static Electricity at SMK Bina Taruna Gorontalo by Using Certainty of Response Index (CRI)
PE 25 13.45-14.00	Nur Arviyanto Himawan	Development of E-Module Momentum and Impulse Integrated the Pancasila Values Practice
PE 26 14.00-14.15	Aris Doyan	Development of Digital Portable Auto Design Microscope Learning Media to Increase the Understanding of Concepts and Problem-Solving Abilities of Students
PE 27 14.15-14.30	Meilan Lengkong	Development of Two-Tier Test Instruments to Detect Student's Physics Misconception
PE 28 14.30-14.45	Dian Sukma Luliyarti	Development of inquiry-based multimedia learning module with phet simulation in newton's law material about motion
PE 29 14.45-15.00	Lindah Permata Sari	Developing Assessment Instrument to Measure Senior High School Student's Mathematical Representation Ability in Physics Learning
PE 30 15.00-15.15	Robi'ah Adawiyah	Development of Assessment Instruments to Measure Physics Verbal Representation Ability of Senior High School Students
PE 31 15.15-15.30	Aprilia Mayang Sari	Development of Integrated Physics Learning E-Module with Pancasila Character Values in Work and Energy Subjects
PE 32 15.30-15.45	Masrid Pikoli	Analysis of the Implementation of E Learning Strategies in Teaching at the Faculty of Mathematics and Natural Sciences, Universitas Negeri Gorontalo (UNG) During the Covid-19 Pandemic

Physics Education (Day 2 / September 26, 2020)**Room : 4****Moderator : Khafidh Nur Aziz, M.Sc.**

	Author(s)	Title
PE 33 13.00-13.15	Anissa Maghfiroh	Development of Physics Comics through Android-Assisted Benthik Game with Discovery Learning Model on Parabolic Motion
PE 34 13.15-13.30	Tanty Dwi Purwita	Bringing Indigenous Knowledge into Physics Learning Instruments for Enhancing Students' Data Literacy: Its feasibility and practicality
PE 35 13.30-13.45	fatma nuril masitah	Developing the Teaching Material of the Wave Material Charged with Quran Values to Improve the Spiritual Competence and Metacognitive Knowledge
PE 36 13.45-14.00	Lusy Rahmawati	Feasibility of STEM Teaching Kit for Heat Material through Simple Technology Design
PE 37 14.00-14.15	Rosalinda Stheyhani Sakbana	The Effect of PjBL Models and Discovery Learning on Student Cognitive Learning Outcomes in the Momentum and Impulse Subjects
PE 38 14.15-14.30	Reni Tania	The application of physics learning media based on android with learning problem based learning (PBL) to improve critical thinking skills
PE 39 14.30-14.45	Dwi Ulan Rahmawati	PBL Model Using Blended Learning: Its Impact on Students' Collaboration Skills
PE 40 14.45-15.00	Vegisari	Development of test instruments to measure the pictorial representation of Newton's law of gravity material based on the vernal equinox phenomenon
PE 41 15.00-15.15	Eko Mhd Ramadan	The Effectiveness of Physics Learning Online Based on Guided Discovery Models to Improve Critical Thinking Skill
PE 42 15.15-15.30	Zul Hidayatullah	Analysis Of Critical Thinking Skill Through Conceptual Change Model Learning Assisted With PhET Simulation
PE 43 15.30-15.45	Lian Amu	Integration of project based learning with environmental education on physics material as a school-based natural disaster mitigation model