



FACULTY OF MATHEMATICS AND NATURAL SCIENCES
UNIVERSITAS NEGERI YOGYAKARTA



INTERNATIONAL JOINT-SEMINAR 6th ISIMMED and 8th ISSE

International Seminar of Innovation in Mathematics and Mathematics Education
And International Seminar of Sciences Education

The Schedule of the Parallel Session



UNIVERSITAS NEGERI YOGYAKARTA
YOGYAKARTA
INDONESIA

Room 1**Scope : Applied Mathematics & Computer, Statistics****Time : 08.00 -10.30 WIB (GMT+7)****Link : <https://s.id/ISIMMEDISSE-Room1>****Moderator : Pratama Wahyu Purnama, M.Pd****ID : 974 6634 5759****Operator : Melda Datu Kalu, S.Pd****Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	AMC01	Gamarina Isti Ratnasari	Why Should Mathematics Teachers Know Types of Knowledge?
2	AMC02	Elisa Nur Yuliantika Ardani, Nughthoh Arfawi Kurdhi	Optimal Refurbishing Decisions Considering Process Innovation, Different Power Structures, and Constrained Remanufacturable Product Supply
3	AMC03	Ade Adam Nisa Sabrina, Nughthoh Arfawi Kurdhi	Refurbishing Supply Chains with Tax and Tariff Regulations and Constrained Used Product Supply
4	AMC04	Setiyo Daru Cahyono; Tomi Tristono; Retno Iswati; Seno Aji; Rochidajah; Pradityo Utomo; Moh. Sidqon	Eco-Friendly Traffic Lights Setting for Pedestrians
5	AMC05	TB SOFWAN HADI	Contribution Of Mathematical Critical Intelligence Toward Mathematical Logical Intelligence In E-Learning Assisted Learning
6	AMC07	Fitriani Agustina	European Put Option Model Up-and-Out Constant Barrier and Exponential Barrier with Fuzzy Parameters
7	IMT21	Kuswari Hernawati	Implementation of a project-based mathematics mobile learning model with the TPACK framework
8	STS01	Maylita Hasyim; Nur Chamidah; Toha Saifudin	Estimation of Uniresponse Ordinal Logistic Nonparametric Regression Model Based on Multivariate Adaptive Regression Spline
9	STS02	Edi Supriyadi; Jarnawi Afgani Dahlan	A Bibliometrics Analysis on Big Data Research with Affiliation from Indonesian (2015–2022)
10	STS03	Retno Subekti; Abdurakhman; Dedi Rosadi	Performance Index of Black Litterman SCAPM in Indonesian Stock Market

Room 2**Scope : Evaluation and Assessment in Mathematics Education****Time : 08.10-10.30 WIB (GMT+7)****Link : <https://s.id/ISIMMEDISSE-Room2>****Moderator : Tsania Nur Diayana, M.Pd****ID : 524 879 5234****Operator : Ana Mulyana, S.Pd****Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	EAM01	Wahyu Hartono; Samsul Hadi; Raden Rosnawati; Heri Retnawati	Obstacles to Learning Mathematics: Qualitative Analysis of Teachers' Perceptions
2	EAM02	Umi Arismawati, Syukrul Hamdi, Wahyu Setyaningrum	How Are Students' Mathematical Disposition Post-COVID-19 Pandemic?
3	EAM03	Ana Mulyana; Ariyadi Wijaya; Wahyu Setyaningrum	Students' Interest in Learning Mathematics: Literature Review
4	EAM04	Ika Surtiani; Kismiantini	Does Teacher Roles and School Types Affect Student's Mathematics Literacy Ability?
5	EAM05	Fifi Khairun Nisa; Elly Arliani	Analysis of Students Ability in Solving Mathematical Literacy Problems Based on Process, Content, and Context Domain
6	EAM06	Dini Liya Meirani Simatupang; Kismiantini	PISA Indonesia: Examining The Influence of Teaching Practice and Math Professional Development on Achievements in Mathematical Literacy Processes
7	EAM07	Agustina Setiawati; Sudiyatno; Nur Hidayanto Pancoro Setyo Putro	EVALUATION OF SEKOLAH PENCETAK WIRUSAHA PROGRAM AT MUHAMMADIYAH 2 VOCATIONAL SCHOOL OF MUNTILAN
8	EAM09	Sayyidah Umma Rahmawati; Kana Hidayati	Learning Mathematics With Reciprocal Teaching Assisted by Mind Mapping, How Does It Affect the Ability to Understand Concepts?
9	EAM08	Astri Widyasari; Zuhdan Kun Prasetyo	Preliminary Analysis of Basic Science Process Skills of Post-Pandemic Era Elementary School Students
10	EAM10	Zulfa Maziidah; Kana Hidayati	Analysis of Difficulties of Class VIII Students in Solving Numeration Problems with Minimum Competency Assesment Types of Geometry Content Based on the Stages of Van Hiele's Thinking
11	EAM22	Syukrul Hamdi; Kana Hidayati; Yoppy Wahyu Purnomo; Nurul Mukminin	Instrument Design of Numeration Minimum Competency Assessment Using Testlet Model Based On Local Wisdom At Elementary School Level

Room 3**Scope : Evaluation and Assessment in Mathematics Education****Time : 08.00 – 10.45 WIB (GMT+7) Link : <https://s.id/ISIMMEDISSE-Room3>****Moderator : Ezra Putrananda S., M.Sc ID : 965 8519 2189****Operator : Ramadian Radite, S.Pd Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	EAM11	Desy Fitriani; Kana Hidayati	Meta-Analysis: The Effectiveness of Authentic Assessment in Mathematics Learning in Junior High School
2	EAM12	Khairunnisa Harahap; Elah Nurlaela	Analysis of Realistic Mathematics Approach to Improving Mathematical Communication Ability of Junior High School Students.
3	EAM13	Fanisa Dina A. D. U; Yaya S. Kusumah; Sufyani Prabawanto	Students' Mathematical Reflective Thinking Ability Viewed from Their Learning Style
4	EAM14	Khairini Atiyah; Nanang Priatna	Students' Mathematical Literacy Ability Profile For The Change and Relationship Problem on The PISA During Covid-19 Pandemic.
5	EAM15	Cita Dwi Rosita; Ika Wahyuni; Dian Andriyani; Yaya S. Kusumah	Lecturer Perception Of Learning Problems Microteaching Students' Prospective Teachers
6	EAM16	Assabiq Yudhy Avanda; Raden Rosnawati	Evaluation of the Implementation of Semester Credit System (SCS) in Mathematics Learning in Muhammadiyah Senior High School Wonosobo
7	EAM17	Hapsari Wikan Pangastuti; Elly Arliani	An Analysis Of Junior High School Students' Errors In Solving Mathematical Literacy Questions Oriented To Hots
8	EAM18	Adhar Rizki Mustafa ; Kismiantini	The Effects of Teachers' Motivation and Supports, Parents' Motivations and Digital Learning on Students' Mathematics Achievement: Indonesian case from PISA 2018
9	EAM19	Endar Chrisdiyanto; Kana Hidayati	Analysis of Mathematics Daily Examination Questions on the Topic of Statistics for Class VIII SMP
10	EAM20	Hisyam Ihsan	The Effectiveness of Learning Packages Integrated Computational Thinking Skills on Elementary School Students' Abilities in Thinking Computationally and Solving Mathematics Computational Problems
11	EAM21	Ramadian Radite, Kana Hidayati, Jeffri Tri Agung Prakosa	Analysis of Student's Mathematics Communication and Reasoning Ability Assessment Instruments Oriented to High Order Thinking Skills

Room 4**Scope : Innovative Mathematics Teaching and Learning****Time : 08.00 – 10.45 WIB (GMT+7) Link : <https://s.id/ISIMMEDISSE-Room4>****Moderator : Rizki Zakwandi, M.Pd ID : 956 6018 9582****Operator : Rilo Pengastuti, S.Pd Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	IMT01	Pardimin; Dafid Slamet Setiana; Didi Supriadi	Integrating Javanese Ethnomathematics Approaches into the Geometry Learning of Junior High School
2	IMT02	Ardani; Ilham Rizkianto	Mathematical justification skill of student in mathematics learning with Realistics Mathematics Education (RME) approach
3	IMT03	Rifnatul Fauziah Megawati; Muhammad Nuh; Sajaratud Dur	Development of Tangram-Based Geometry Teaching Aids to Improve Mathematics Learning Creativity
4	IMT04	Heni Novianti	The Effectiveness of Realistic Mathematics Education (RME) on Learning Outcomes Mathematics : Experimental Study on Comparison of Trigonometric Special Angles in Class X MIA SMAN 3 Palu
5	IMT05	Lalu Wahyu Rizaldi; Wahyu Setyaningrum, M.Ed.,Ph.D	Pendekatan Problem Based Learning Melalui Model Pembelajaran Kooperatif Tipe Numbering High Together (NHT) Untuk Meningkatkan Kemampuan Kolaborasi, Literasi Matematis Dan Kemampuan Berpikir Kritis Matematis Siswa Di Kelas X SMA Negeri 1 Wiwirano
6	IMT06	Phoa Wily Angpujana; Wahyu Setyaningrum	Managing Risk in Mathematics Learning: How to Improve Confidence?
7	IMT07	Manggala Wihasta Jagat Wicaksana; Wahyu Setyaningrum	The Effect of the STAD type Cooperative Learning Model assisted by LKPD and e-Module on Students' Mathematics Learning Outcomes
8	IMT08	Yuhasriati; Elizar; Anwar; Siti Fatimah; Yulinar Safitri	Statistical Reasoning Skills of Elementary School Students on Data Collection and Presentation Through Realistics Mathematics Education
9	IMT09	Selvina Harefa; Djamilah Bondan Widjajanti	Relational Understanding: How to Teach Mathematics for Understanding?
10	IMT10	Labibah Arih Rahayu;	Adversity Quotient (AQ) in Mathematics Learning: How to develop students who have low AQ in Reflective Intelligence

Room 5**Scope : Innovative Mathematics Teaching and Learning****Time : 08.00 – 10.30 WIB (GMT+7) Link : <https://s.id/ISIMMEDISSE-Room5>****Moderator : Hadi Nurahman, M.Pd ID : 968 1241 4845****Operator : Laila Marfirah, S.Pd Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	IMT11	Ratna Puspitasari; Sugiman	Student Creativity in Solving Unique Mathematical Problems with Contextual Approach
2	IMT12	Siti Zahra Zahrona; Djamilah Bondan Widjajanti	Can Emotional Intelligence in Mathematics Learning be Improved Through the TPS Model? Literature Review
3	IMT13	Peni Fauziah Puadah; Elah Nurlaelah	Student's Metacognitive Ability in Mathematical Problem-Solving : A Systematic Literature Review
4	IMT14	Septian Henry Riswandha; Budi Usodo; Riyadi	Does Van Hiele Level of Geometric Thinking Ability Affect Students' Mathematics Learning Outcomes?
5	IMT15	Rahma Budiasti; Djamilah Bondan Widjajanti	Building a Positive Attitude towards Mathematics: Its Impact on Reducing Student Phobia
6	IMT16	Andita Putri Sulistyawati; Djamilah Bondan Widjajanti	The Importance of The Synergy of Parents and Teachers as A Student's External Factor in Overcoming Dyscalculia in Learning Math
7	IMT17	Gladys Heinz Niviavitry; Djamilah Bondan Widjajanti	Self-Concept: What and How Does It Affect Students' Persistence and Learning Outcomes in Mathematics
8	IMT18	Atifa Kamila Zeba; Djamilah Bondan Widjajanti	Cheating Behavior: Causes and Relationship to Students' Math Anxiety
9	IMT19	Muchamad Subali Noto; Tarmidzi; Mohammad Dadan Sundawan	Ability to Understanding and Construction of Mathematical Proof of Prospective Mathematics Teachers Based on Mathematical Prior Knowledge
10	IMT20	Adri Nofrianto, Elfa Rafulta, Mira Amelia Amri	In-service Mathematics Teachers: Toward Understanding Their Initial Concepts of Higher Order Thinking Skills
11	IMT22	Yohanis Ndapa Deda	ETHNOMATHEMATICS EXPLORATION IN THE TRADITIONAL GAME PIO INSANA

Room 6

Scope : Using Technology in mathematics education, Mathematical Analysis, Algebra

Time : 08.00 – 10.30 WIB (GMT+7) **Link** : <https://s.id/ISIMMEDISSE-Room6>

Moderator : Fika Fauzi, M.Sc **ID** : 5798875004

Operator : Herlina Sari Br Sitepu, S. Pd **Pass** : UNY2022

No	Article Code	Presenters	Title of Paper
1	ANL01	Thabitha Oktavianasta Pakpahan; Nughthoh Arfawi Kurdhi	A Profit Allocation Strategy of a Refurbishing Model with Fairness Concerns Based on Shapley Value
2	ANL02	Alan Rifqi Kamal; Edi Istiyono; Widiastuti	The Differences in Productive Disposition in Mathematics for Students of the Science and Social Sciences Department Class 12 Budi Mulia Dua High School Yogyakarta
3	ANL03	Fitri; Kana Hidayati	Analysis Of Mathematic Reasoning Ability Of Junior High School Students Materials Of Number Patterns
4	UTM01	Yurniwati Yurniwati; Cecep Kustandi	Impact of Web-Based Knowledge Building on Professional Identity of Prospective Teachers
5	UTM02	Martin Bernard, Herman Dwi Surjono, Sri Andayani	Visual Basic Application for Excel Learning Media with Synthesis Program Method on Mathematical Problem Solving Ability of Prospective Teachers
6	UTM03	Nilza Humaira Salsabila; Baidowi; Syahrul Azmi; Ulfa Lu'luilmaknun	Instructional Multimedia with Local Context oriented to Numeracy Skills: Practicality and Effectiveness
7	UTM04	shinta agustina putri; agus maman abadi	Development of E-lkpd Based Guided Inquiry Oriented to Mathematic Problem Solving For Junior High School
8	UTM05	Fardatil Aini Agusti; Afifah Zafirah; Refenia Usman; Irwan; Defri Ahmad; Suherman	Developing Mobile Application using Augmented Reality to Introduce Three-Dimensional Object in Geometry
9	AGL01	Teduh Wulandari Masoed ; Sugi Guritman	Determinant and Invers of Skew Circulant Matrices with Arithmetic Sequence
10	AGL02	Zulfia Memi Mayasari; Mulia Astuti; Rasdiana Windarti; Melzha Amanda	Characteristic Identity Graph of Integer Modulo p Group, p Prime
11	ANL04	Agus Widodo; Marsudi; Dwija Wisnu Brata; Nahlia Rakhmawati; Pramudya Adi Wardana	Anticipating The Scarcity Of Food Commodity To Sufficient Availability For The Community In East Java With A Comparison Approach to Forecasting Artificial Neural Networks and Exponential Smoothing

Room 7**Scope : Biology, Biology Education****Time : 08.00 – 09.45 (GMT+7)****Link : <https://s.id/ISIMMEDISSE-Room7>****Moderator : Dr. Anggi Tyas Pratama, M.Pd ID : 943 6985 2858****Operator : Eviellia, S.Pd****Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	PSC01	Annisa Latifa, S.Si., M.Sc.	Comparison of the Environmental Balance of Plankton at the Beginning of the Dry Season and the Beginning of the Rainy Season in Two Reservoirs
2	PSC02	Rina Budi Satiyarti	Desain Primer Untuk Amplifikasi Gen Nd2 Pada Penderita Diabetes Melitus Tipe 2
3	BED01	Aditia Pramudia Sunandar	The Potential of 21st Century Biology Learning Resources Based on Local Potential from Insect Diversity in Nglanggeran Ancient Volcano, Yogyakarta
4	BED02	Irani Hoeronis	Virtual Reality Design as Teaching Material for Local Potential Biodiversity in Tasikmalaya
5	BED03	Neli Dwi Septi Anggraeni	Analytical Ability in Biology at Senior High School Level: A Review
6	BED04	Rizqa Devi Anazifa	The Development of Online Flipped Classroom using Problem Based Learning based on Socio-scientific Issue to Enhance Student's Scientific Literacy and Biological Ethic Awareness
7	BED05	Tutiek Rahayu; BM Wara Kushartanti; Novita Intan Arovah	Urgency Of Physical Activity For Elderly
8	BED06	Dwi Kameluh Agustina	Knowledge of Villagers about the Bioecology of Fruit Flies (<i>Bactrocera</i> spp) Based Learning Development Citizen Science

Room 8**Scope : Chemistry Education****Time : 08.00 – 10.30 WIB (GMT+7)****Moderator : Dr.Dyah Purwaningsih, M.Si****Operator : Restu Utami, S.Si****Link : <https://s.id/ISIMMEDISSE-Room8>****ID : 976 1194 6195****Pass : UNY2022**

No	Article Code	Presenter	Title of Paper
1	PSC05	AK Prodjosantoso	Solidification of Copper In CaO-CuOx-SiO4 Composites
2	CED01	Ajeng Nurmalita Kusumastuti	Development of Problem Based Learning-Student Worksheet Assisted by Video on Colloid
3	CED02	Dina	Development of SSI-Oriented Chemistry Learning Videos with Controversial Issues in ESD
4	CED03	Dini Wahyuni	Teaching Intervention of Learning Cycle 5E Models in Science Education: A systematic Review
5	CED04	Elisabeth Rukmini	The Indonesian Adapted Measurement Tool: A Valid and Reliable Tool to Measure Classroom Emotional Climate
6	CED05	Enzelina Smith Turnip	Visualization Of Chemical Equilibrium Material Through Multiple Representation-Based Comics
7	CED06	Evan Nurdian Witanti	How are Students' Attitudes Toward Video Podcast of Buffer Solution in Chemistry Learning?
8	CED07	Lia Yuniarti	Assessing Students' Motivation During Online Learning by Using Thinkific Platform
9	CED08	Roudhotul Fitria	Teaching Intervention Of REACT Strategy In Science Learning: A Systematic Review
10	CED09	Yessi Prihartina	Literature Review of Learning Media on Chemical Bonding Material

Room 9**Scope : Physics and Physics Education****Time : 08.00 – 10.30 WIB (GMT+7)****Link : <https://s.id/ISIMMEDISSE-Room9>****Moderator : Rita Prasetyowati, M.Pd****ID : 983 7207 0157****Operator : Aida Nur Azki, S.Pd****Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	PSC08	Dini Anggreini	Pengembangan LKPD Berbasis Problem Based Learning Untuk Pembelajaran Fisika Dalam Peningkatan Berpikir Kritis Siswa Meliputi Sikap Ilmiah Dan Hasil Belajar Materi Momentum dan Impuls
2	PSC09	Heru Kuswanto	Relative Humidity Sensing using Optical Reflection
3	PED01	A. RIHLA ANNISA	Effectiveness of E-LKPD Using Quizizz Application Learning Media to Improve Students' Critical Thinking Ability
4	PED02	Afrida Dwi Rahmayanti	Development of Physics STEM Project Based Learning E-Worksheet to Enhance Student's Creative Thinking Skills and Learning Motivation
5	PED03	Ahmad Muwafiq Abdillah; Jumadi Jumadi	Effectiveness E-Worksheet Of Problem Based Learning (PBL) Model On Progressive Wave And Stationary Wave Materials To Improve Critical Thinking Ability Students
6	PED04	Aida Nur Azki Utami	The Implementation Electronic Students' Worksheet Based On Pogil To Improve Analytical Thinking Skills On Global Warming
7	PED05	Albina Jehira Sulu Dura	Development of Physics E-Books For Straight Motion Materials to Improve Critical Thinking Skill Of Students in Smk
8	PED06	Alia Rizky	Development of Flipbook-Assisted Digital Teaching Materials on Momentum and Impulse Materials to Improve Students' Concept Understanding
9	PED07	Ana Helisa Rosianti	Animation Video Development Assisted by Powtoon in the TPS Type Cooperative learning model in Straight Motion Materials to Improve Students' Concept Understanding
10	PED08	Angela Gusti Ayu Gita Sukmadewi	Literature Review: Effectiveness Of Physics Comic To Upgrade Student's Mathematical Representation and Critical Thinking Skills In Physics Learning

Room 10**Scope : Physics Education****Time : 08.00 – 10.30 WIB (GMT+7) Link : <https://s.id/ISIMMEDISSE-Room10>****Moderator : Purwoko Haryadi Santoso, M.Pd ID : 939 5189 8279****Operator : Antoni Pieter M D, S.Pd Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	PED09	Anna Christi Poreni	Inquiry-Discovery Physics Electronic Worksheet with TeacherMade-Assisted Productive Questions to Improve Science Process Skills for Reflection of Light in Mirrors and Lenses
2	PED10	Antoni Pieter Mauritz Dare	Electronic Physics Worksheet Using liveworksheets with the Problem-Solving Method to Improve Verbal Representation Skills on collision topics
3	PED11	Arimbi Rachmayani	Development of Simple Harmonic Motion Module Based on Flip Book to Improve Mathematical Representation Ability of Students
4	PED12	Arum Wulandari	The Development of Quizizz Integrated Physics E-Worksheet to Improve Students' Critical Thinking Skills
5	PED13	Briliant Novitasari Miranda	Development Of Ulati Electronic Media To Improve Science Process Skills And Student Concept Understanding
6	PED14	Christa Triana Dewi	The Effectiveness of Electronic Student Worksheet Assisted by Liveworksheets to Improve Data Literacy Ability in Momentum Learning
7	PED15	Dewi Nurulhasni	Development of Parabolic Motion Practicum Tool as a Concept Visualization Media
8	PED16	Dwi Indah Pangesti Cahya Ningrum	Development of Physics Websites Based on STEM Assisted of Google Sites on Momentum and Impulse Materials to Improve Creative Thinking Skills
9	PED17	Eka Ayu Nurbaiti	DEVELOPMENT OF SELF-ASSESSMENT INSTRUMENTS TO MEASURE THE SELF-CONCEPT AND THE MORAL OF STUDENTS IN PHYSICS LEARNING
10	PED18	Fadillah Rahmayani	Android Physics e-Module on Newton's Gravity and Planetary Motion Materials to Improve Students' Concept Understanding

Room 11**Scope : Physics Education****Time : 08.00 – 10.30 WIB (GMT+7)****Link : <https://s.id/ISIMMEDISSE-Room11>****Moderator : Irvany Nurita Pebriana, M.Pd ID : 973 9561 0517****Operator : Hidayat Tullah, S.Pd****Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	PED19	Febriani	Modification of Team Games Tournament Learning Strategy for Collaboration and Communication Skills in Physics Learning
2	PED20	Frenky Suseno Manik	The Effect of STEM-Based Vertical Downward Student Worksheet Application on Students' Self Efficacy and Cognitive Learning Outcomes
3	PED21	Hafizana Tiara Amir	Meta-Analysis of The Use of Augmented Reality in Physics Learning
4	PED22	Hidayat Tullah	Application of Integrated PhET E-LKPD Material for Simple Harmonic Vibration to Improve Students' Physics Learning Output
5	PED23	Ifatul Khasanah	Simulation of Uranium-238 Radioactive Decay with Virtual Basic Application of Microsoft Excel
6	PED24	Iza Alfi Rohmatin	Implementation of Augmented Reality Learning Media: Its impact on the problem-solving ability of direct current electricity
7	PED25	Liza Septia Ahmad	Development of Electronic Student Worksheet Integrated PhET on Simple Harmonic Motion Materials to Improve Learning Outcomes
8	PED26	LL. MUH. BAIDUI	Development Of The “5E” Learning Cycle E-Module On Momentum And Impulse Materials to Increase Motivation And Cognitive Learning Outcomes
9	PED27	M.Ibnusaputra	Development of Simple Physics WorkBoard as Contextualization of Moment of Force Theory
10	PED28	Maria Fransiska Tunga	Development of Physics Electronic Students Worksheet Using Problem Based Learning Model Assisted by Phet to Improve Students' Mathematical Representation

Room 12**Scope : Physics Education****Time : 08.00 – 10.30 WIB (GMT+7) Link : <https://s.id/ISIMMEDISSE-Room12>****Moderator : Desy Purwasih, M.Pd ID : 922 5835 0991****Operator : M. Arif Nur Rokhman, S.Pd Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	PED29	Mu'ad Irmawan	Application of the Snowball Throwing Learning Model to MTSN Students to Increase Activeness and Science Cognitive Learning Outcomes on Substances and Their Characteristics
2	PED30	Muh. Ridwansyah	Implementation Of Digital Camera Software To Determine Liquid Viscosity Value
3	PED31	Nunung Azizah	Effectiveness e-Modules based Mit Inventor on Momentum and Impulse Materials to Improve Concept Understanding
4	PED32	NUNUNG SETIATI	Development of E-Student Worksheet Problem Based Learning Model on Work and Energy to Improve Cognitive Physics Ability of Students
5	PED33	Nur Safitri Ulfa	Development Physics E-Book Straight Motion Material to Improve Problem Solving Ability of Class X SMK
6	PED34	Nur Wahyuni Idris	Development of Mind Mapping Worksheet Topics of Momentum and Impulse to Improve Critical Thinking Skills of High School Students
7	PED35	nurfazliana	Development of E-LKPD Based on PROBLEM BASED LEARNING (PBL) Assistant Live Worksheets Model On Wave Materials to Improve Concept Understanding Of Class XI SMA
8	PED36	Nurlina	Integrating Merdeka Belajar Curriculum in Physics Context to Developing Scientific Literacy of Senior High School
9	PED37	NURYATI	Efforts to Improve Physics Learning Outcomes by Applying Numerical Literacy Based on Guided Inquiry Worksheets on Work and Simple Planes Learning
10	PED38	Pani Veronika Mahulae	Development of Interactive Video on Straight Motion Materials to Improve Concept Understanding of High School Students

Room 13**Scope : Physics Education****Time : 08.00 – 10.30 WIB (GMT+7) Link : <https://s.id/ISIMMEDISSE-Room13>****Moderator : Bayu Setiaji, M.Pd ID : 956 1738 3767****Operator : Lutfiah Nurhidayati, S. Pd Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	PED39	Pramudya Wahyu Pradana	Review on Research and Development of Physics Assessment Instruments on Momentum and Impulse Topic
2	PED40	Qamariah	The Validity of Fister Apps based on Augmented Reality for Electrical Engineering Students
3	PED41	rema yuszahra	Pengembangan LKPD Untuk Pembelajaran Fisika Dalam Peningkatan Sikap Ilmiah dan Hasil Belajar Materi Momentum dan Impuls
4	PED42	Ricky Armando Putra	Learning Media for Straight Motion on Flat Planes and Sloping Planes Based on Arduino with Infrared Sensors E18-D80NK
5	PED44	Rina Winarni Nuraisyah	Pengembangan LKPD Berbasis Problem Based Learning Pada Pembelajaran Fisika untuk meningkatkan Sikap Ilmiah dan Hasil Belajar Materi Momentum dan Impuls
6	PED45	Rista Dwi Murtiningtyas	Development of Higher Thought Business (HOTS) test questions for liquid materials for SMA/MA
7	PED46	Rosa Safirotun Nabilah	The Use of STEAM-Project-Based Learning to Enhance Students Critical Thinking Skills in Physics Magnifying Glass Project
8	PED47	Serly Anggraini Listyaningrum	Training Numerical Skills of Student Using Electronic Modul in Distance Learning Activities
9	PED48	Siti Meisaroh	Effectiveness of e-Worksheet assisted by PhET Simulation with Problem Based Learning Model to Improve Problem-Solving Skills in Light Waves

Room 14**Scope : Physics Education****Time : 08.00 – 10.30 WIB (GMT+7)****Link : <https://s.id/ISIMMEDISSE-Room14>****Moderator : Dr. Rida Siti Nur'aini Mahmudah, M.Si. ID : 942 6604 5764****Operator : Anggi Datiatur Rahmat, S.P****Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	PED49	Sunardi	Analysis of Physcs Teaching Subjects That Can Be Potentially Taught Using Bifocal Modeling Practicum
2	PED50	Suryani	Efforts To Improve Activeness And Learning Outcomes Of Students Of Class X IPA 1 SMA Negeri 1 Pundong Using Stad-Type Cooperative Learning Model
3	PED51	SUSAN YONA MATULESSY	Application Of Physics Crossword Assisted E-Book Media On Learning Interest
4	PED52	Syahrul Ramadhan	Improving Teachers' Ability to Create Higher Order Thinking Skill Questions Through the PHOTFIS Training Model
5	PED53	Tim Abyan Syah	Implementation Of Project Based Learning (Pjbl) Learning Model In Improving 21st Century 4c Skills
6	PED54	Tirtandro Meda	The Effect of Reciprocal Teaching Learning in Achieving Students' Critical Thinking Ability on Parabolic Motion Material at SMAN 2 Wates
7	PED55	Vina Serevina	Efforts To Improve Physical Learning Outcomes With a Problem-Solving Learning Model in Students Of Class XI Science 1 Public Senior High School 107 Jakarta
8	PED56	Wildan Navisa Barra	The Effectiveness of PhET-Assisted Inductive Thinking Learning Model on Students' Critical Thinking Skills and Curiosity Attitudes
9	PED57	Yona Riska Amalia Ritonga	Development of LKPD Based on Mind Mapping Subject Momentum and Impulse to Improve Students' Concept Understanding
10	PED58	YULIANUZHA	Development of E-LKPD Based on Kvisoft Flipbook Maker to Improve Concept Understanding of Class X Students on Global Warming Materials
11	PED59	Zulaikha Ummul Arafah	Development of Physics E-Module Integrated with the Values of Pancasila During the Covid-19

Room 15**Scope : Science Education and Others****Time : 08.00 – 10.30 WIB (GMT+7)****Link : <https://s.id/ISIMMEDISSE-Room15>****Moderator : Dr. Laifa Rahmawati, M.Pd****ID : 995 5019 8017****Operator : Arina Zaida Ilma, S.Pd****Pass : UNY2022**

No	Article Code	Presenters	Title of Paper
1	SED01	Aisah Wiendiarti	Critical Thinking Analysis in Natural and Social Science Books
2	SED02	Astri Widayarsi	Preliminary Analysis of Basic Science Process Skills of Post-Pandemic Era Elementary School Students
3	SED03	Desy Purwasih	Multi-Rater Analysis for Learning Instruction Webbed Models based on Local Potential “Pulau Kembang” Validation: An Innovative Means to Assess Product Quality
4	SED04	Nina Khaerunnisa	Science Learning and Technology: Teachers and Students Perspective on Virtual Reality Learning Media Development in Junior High School in The Post Pandemic Era
5	SED05	Sariyah	Science Mobile Learning: The Need Analysis of Junior High School Students in The Post-Pandemic Era
6	SED06	Susilowati	Analysis of Teaching Models for Preservice Science Teachers in Indonesia.
7	PSC10	Paramitha Nerisafitra	The Combination of CSI And IPA Analysis To Measure The Service Quality of Undergraduate Students Using The SERVQUAL Model Approach
8	PSC11	Wening Primaestri	Wening Primaestri - Developing Mathematic Studies-Digital Game to Increase Student’s Self-Regulated Learning Time Management: A Literature Study
9	SED07	<u>Muhamad Arif Nur Rokhman</u>	The Influence Of Guided Inquiry Learning Based On The Socio-Scientific Issues Model On Students Critical Thinking Skills
10	SED08	Arina Zaida Ilma	STEM Based Module with Crosscutting Concepts for Science Learning: Context Feasibility