

Parallel Session Schedule

Day 1: Thursday, 25 July 2019

Time	Title	Moderator
East LPPM Room		
14.01 - 14.40	Invited Speaker: Dr. Masitah Shahrill	30' presentation, 10' Q & A, Moderator: Kimberley Mendoza Migallos
14.41 - 15.00	Participatory Design Approach (PDA) in the Establishment of Favorable Learning Conditions for Teachers by Salamah Agung	Paralel session: 15' presentation, 5' Q & A
15.01 - 15.20	K-12 Preparedness of the Senior High School Teachers in a Selected Private School by Kimberley Mendoza Migallos, Reo Cabahug, Argel Hipol	
West LPPM Seminar Room		
14.01 - 14.40	Invited Speaker: Dr. Ariyadi Wijaya	30' presentation, 10' Q & A, Moderator: Crobert Walden
14.41 - 15.00	Metalanguage in Knowledge Building: Limits and Possibilities by Robert Walldén	Paralel session: 15' presentation, 5' Q & A
15.01 - 15.20	The Process of Algebraic Thinking of Junior High School in Self Regulated Learning by Novianti	
LSR Room		
14.01 - 14.40	Invited Speaker: Drs. Tarsisius Sarkim, M.Ed., Ph.D.	30' presentation, 10' Q & A, Moderator: Elfi Rahmadhani
14.41 - 15.00	Build up School Culture Through Implementation of Education Character by Tuati	Paralel session: 15' presentation, 5' Q & A

15.01 - 15.20	Reflective Thinking Ability of Teacher Candidate Students Based on Ability Level and Gender by Elfi Rahmadhani	
Merapi Room		
14.01 - 14.20	Development of Data Presentation Instructional Material Based on Local Wisdom for Preservice Teachers by Moch Lutfianto, Azhar Syarifuddin, Suhartono, Mohammad Atok	Moderator: Mirta Fera
14.21 - 14.40	Using Context from PISA Task in Problem Generation and Reformulation: Teachers' Experience in Problem Posing Activities by Tatag Yuli Eko Siswono, Ahmad Wachidul Kohar, Sugi Hartono	
14.41 - 15.00	Designing Division Operation Learning in Elementary School by "Jamuran" Traditional Dance by Endang Sulistyowati, Suminto A. Sayuti, Sugiman	
15.01 - 15.20	The Decision-Making Process for a Learning Model by Mirta Fera	
Merbabu Room		
14.01 - 14.20	Ignatian Pedagogy Learning Model for a Whole-Person Education of Sanata Dharma University's Pre-Service English Teachers by Patricia Angelina, Concilianus Laos Mbato	Moderator: Patricia Angelina
14.21 - 14.40	Trial Design of Means End Analysis Learning Model Based on Local Cultural Wisdom to Improve Communication Ability and Mathematical Abstraction of Junior High School by Izwita Dewi, N Siregar, A Andriani	
14.41 - 15.00	Contribution of Teacher's Teaching Skills and Students' Intrapersonal Intelligence Toward Metacognitive Awareness of Students in State Vocational School in Blitar by Tri Maryati, Siti Uswatun Khasanah, Veradella Yuelisa Maf'ula	

15.01 - 15.20	Student Perspective on Teaching Factory: To Improve Entrepreneurship for Revolution Industry 4.0	
MM Audio Visual Room		
14.01 - 14.20	Link Between Modern Building and Kediri's Tradition: An Idea to Develop Teaching- Learning Equipment by Feny Rita Fiantika, Cholis Sadjah, Abdul Qohar, Darsono	Moderator: Noor Fajriah
14.21 - 14.40	Effects of Problem-Based Learning with Character-Emphasis and Naturalist Intelligence on Critical Thinking and Curiosity by Suhirman Mawal, Yusuf Msaleh, Nadiroh Nadiroh	
14.41 - 15.00	Design of Improving Professionalism for Teachers by Rini Herlina Rusiyanti	
15.01 - 15.20	The Development of Constructivism-Based Students Worksheet by Noor Fajriah	
Koendjono Room		
14.01 - 14.20	Collaborative Learning Concept for Reducing the Act of Cheating by Maria Vincentia Eka Mulatsih	Moderator: Maria Vincentia Eka Mulatsih
14.21 - 14.40	Reflective Thinking Skills Analysis of Engineering Students in Learning Statistics by Rindu Alriavindra Funny	
14.41 - 15.00	Development of Video Discovery Learning Models as a Reference for Teachers in Curriculum 2013 Implementation by Sablis Salam	
15.01 - 15.20	Anxiety: How Was the Process of Undergraduate Students Who Were in Visualization Level in Constructing Definition? By Risky Cahyo Purnomo, Sunardi, Erfan Yudianto, Nanik Yuliati, Muhammad Mahfut	
Kadarman Room		
14.01 - 14.20	Developing a Tolerance Attitude Through Dialogue with People of Other Religions in Religious Education by Bernardus Agus Rukiyanto	Moderator: Risda Amini

14.21 - 14.40	Development of Student Worksheets Based on Integrated Model with Character Building in Elementary School by Risda Amini	
14.41 - 15.00	Validating the Indonesian Version of Reflective Thinking Questionnaire and Investigating of the Relationship Between Pre-Service Teachers' Reflective Thinking and Academic Achievement by Ardi Widhia Sabekti, Fitriah Khoirunnisa, Liliyasi, Ahmad Mudzakir	
15.01 - 15.20	An Ecological Model of Pedagogical Competence School Counseling by Sri Hartini, Caraka Putra Bhakti, Muhammad Alfarizqi Nizamuddin Ghiffari, Bayu Selo Aji, Cucu Kurniasih	
Teratai Room		
14.01 - 14.20	A Content and Authorship Analysis of South East Asia Design Research International Conference by Yosep Dwi Kristanto, Rully Charitas Indra Prahmana	Moderator: Sahnawi
14.21 - 14.40	The Influence of Implementing Auditory Intellectually Repetition (Air) Learning Model Based on Learning Community to Students' Creative Thinking Skills by Sahnawi, Susanto, Hobri, Khoirotun Ni'mah, Yuan Ursulasari	
14.41 - 15.00	The Thinking Process of Students in Understanding the Concept of Graphs During Ethnomathematics Learning by Wahyu Widada, Dewi Herawaty, Dwi Sulikah Andriyani, Renti Marantika, Isma Damai Yanti	
15.01 - 15.20	Provoking Students' Creative Thinking in Learning Volume of Solid of Revolution Through Project-Based Task by Abadi, Dini Kinati Fardah	
East LPPM Seminar Room		
15.41 - 16.00	Environmental Conservation Education Model with Implementation of Islamic	Moderator: Zulkardi

	Values in Islamic Boarding School Nurul Haramain NW Narmada West Lombok - Indonesia by Harja Efendi, Mimien Henie Irawatie, Fatchur Rohman, Abdul Gofur	
16.01 - 16.20	Javanese Calendar as Context to Learn Number Pattern by Budi Tulus Setiawan, Zulkardi	
16.21 - 16.40	Developing Proportional Reasoning Problem with "Choosing Services" and "Adjusting Food Recipes" Context to Help Student's Conceptual Understanding by Sri Utami, Zulkardi	
16.41 - 17.00	Design Research for Business Introduction Subject: Developing Think Pair and Share Method to Improving Student's Sharing Skills and Student's Participation Skills by Kurnia Matikasari	
West LPPM Seminar Room		
15.41 - 16.00	Local Wisdom Value-Based Literacy Education Learning Model in Elementary School by Dyah Lyesmaya, Bachrudin Musthafa, Dadang Sunendar	
16.01 - 16.20	The Development of Sukuraga as an Instructional Media of Human Literacy in Elementary School by Aris Juliansyah, Dyah Lyesmaya, Iis Nurasiah, Mohammad Syarif Sumantri, Muhammad Japar	Moderator: Aloisius Wisnu Mahendra
16.21 - 16.40	An English Course for Nutrition Department Students Based on a Combined Content- and Task-Based Approach by Retno Muljani, Aloisius Wisnu Mahendra, Yuliyana	
16.41 - 17.00	Readability of Scientific Literacy Enrichment Book on Earth Science Context by Anis Ardyany Puspaningtyas	
LSR Room		
15.41 - 16.00	Design Textbooks Based Linguistic Intelligence Towards Representation Ability on Statistics by S. Setiyani	Moderator: Danang Satria Nugraha

16.01 - 16.20	An Implementation of the Design Research for the Linguistic Study: A Preliminary Multidiscipline Framework by Danang Satria Nugraha	
16.21 - 16.40	Correlation of Students' Reading Comprehension Ability and Math Literacy Ability Toward Geometry Thinking Levels by Yuan Ursulasari, Susanto, Sunardi, Hobri, Khoirotun Ni'mah	
16.41 - 17.00	Development of Math Model of High Order Thinking (HOTS) on the Subject of Trigonometry in High School by Jeki Gusdinata, Somakim	
Merapi Room		
15.41 - 16.00	Educational Design Research: Designing Learning Inductive Modeling to Improve the Mastery of Indonesian Spelling Among Mappi Students Through a Deductive Paragraph by Rishe Purnama Dewi, Septina Krismawati	Moderator: Rishe Purnama Dewi
16.01 - 16.20	The Development of HOTS Problems on Algebra for Junior High School by Risnawati Putri, Somakim, Darmawijoyo, Ning Eliyati	
16.21 - 16.40	The Development of HOTS Problems on Geometry and Measurement for Junior High School by Iftitah Primasanti, Somakim, Darmawijoyo, Ning Eliyati	
16.41 - 17.00	Science Learning Based on Local Culture "Tri Hita Karana" to Improve Higher Order Thinking Skills in Madrasah by Surayanah, Nyoman Dantes, I Wayan Suastra, A. A. I. Ngurah Marhaini	
Merbabu Room		
15.41 - 16.00	Impact of Blended Learning Instruction in the Academic Performance of Grade 10 Students in a Selected Private High School in San Juan City, Philippines by Argel Icao Hipol, Reo Cabahug	Moderator: Argel Icao

16.01 - 16.20	Task Design for Inquiry-Based Learning to Train Middle School Students' Mathematics Problem-Solving Ability by Agung Lukito, Siti M Amin, Evangelista L W Palupi	
16.21 - 16.40	Designed of Electronic Module Based Android on the Subjects Acid-Base in the Revolution Industry 4.0 by Friska Septiani Silitonga, Eka Putra Ramdhani, Aryadi	
16.41 - 17.00	Designing and Developing Augmented Reality-Based Teaching Resource of Three Dimensional Geometry by Mailizar, Rahmah Johar, Lainufar	
17.01 - 17.20	Utilizing LoRa for Mini Weather Station Base IoT as STEM Learning Media to Face Revolution Industry 4.0 by Irwansyah Putra, Irwandi, Rajibussalim	
17.21 - 17.40	Using the ELVIS II+ Platform to Create "Learning is Fun" Atmosphere with the ISLE-based STEM Approach by Irwandi, Rajibussalim, Rini Oktavia	
17.41 - 18.00	The Implementation of Blended Learning in Teaching Works and Energy to a Group of High School Students in Kupang by Pringgo Acong Nusa Bakti Min Dala, Tarsisius Sarkim	
MM Audio Visual Room		
15.41 - 16.00	The Feasibility of Macromedia Flasd Media in the Subject Clasification of Living Things Senior High School in Tanjungpinang Kepulauan Riau (Kepri) by Erda Muhartati, Riki Risanto	Moderator: Christiyanti Aprinastuti
16.01 - 16.20	Computer-Based Media and Student Worksheet for Learning Mathematics Topic Derivatives of Algebraic Function in Senior High School by Titi Solfitri, Armis Armis, Yenita Roza, Ayu Anggarini	
16.21 - 16.40	Development of Computer-Based Media Using Mindmap for Learning Mathematic in Topics of Rectangle and Triangle at Secondary School by Lucy Maryeni,	

	Syarifah Nur Siregar, Yenita Roza, Jalinus	
16.41 - 17.00	Design Research Didactic Learning Computer Programming Subject for Primary Teacher in 4.0 Era Case Study of Sanata Dharma University, PGSD Students by Christiyanti Aprinastuti	
17.01 - 17.20	How the Use of Comics Affects the Students' Learning Patterns Concerning Distance-Time Graphs? By Muhammad Samhan Azamain, Muhammad Abqari Haji Emran, Najihah Kamila Haji Musa, Noor Izzah Batrisyia Haji Kamaluddin, Masitah Shahrill	
17.21 - 17.40	Exploring the Teaching of the Order of Operations by Incorporating the Use of Comics by Najihah Kamila Haji Musa, Noor Izzah Batrisyia Haji Kamaluddin, Muhammad Samhan Azamain, Muhammad Abqari Haji Emran, Masitah Shahrill	
17.41 - 18.00	Validation of Material and Technology on Mathematics Learning Websites (MLW) for Students UIN Suska Riau by Musa Thahir, Yenita Roza, Atma Murni	
Koendjono Room		
15.41 - 16.00	Misconceptions Identification of University Students as Physics Teachers Candidate in Temperature and Heat Materials in Yogyakarta Using Four-Tier Diagnostic Test by Kharisma Fenditasari, Jumadi, Hendra B	Moderator: Atiek Winarti
16.01 - 16.20	The Development of Teaching Material on Ethnoscience-Based Chemistry Learning Innovation Courses by Atiek Winarti	
16.21 - 16.40	DIMPLE Model: The Synthesis of STEM Approach and Project-Based Learning to Enhance Learners' Creativity and Critical-Thinking Skills in Physics Course by Tharueseon Prasoplarb	

16.41 - 17.00	The Development of Student Creativity Through STEM Learning by Doing Food Innovations Made from Salak by Benediktus Budi Setiawan, Maria Rina Kurnia Sari	
Kadarman Room		
15.41 - 16.00	Application of Scientific Approach Using Posters to Promote Students' Learning Activity and Achievement in a General Chemistry Setting by Inelda Yulita	Moderator: Maria Melani Ika Susanti
16.01 - 16.20	Effect of the Implementation of Integrated Science Learning Based on Local Wisdom to Improve the Student Competency by Usmeldi	
16.21 - 16.40	The Development of an Inquiry-Based Laboratory Manual for Student of Biology Education by Azza Nuzullah Putri	
16.41 - 17.00	Reflective Learning: Design of Elementary School Physics Practicum Oriented to Develop of the Student Scientific Attitudes by Kintan Limiansih, Maria Melani Ika Susanti	
Teratai Room		
15.41 - 16.00	Teachers' Motivation in Joining Scientific Paper Training by Kartika Marta Budiana, Djuwari Djuwari, Gunasti Hudiwinarsih	Moderator: Kintan Limiansih
16.01 - 16.20	Development of the Pictorial Story About the Solar Panel for Elementary School by Fauziana Aulia Ulfi, Kintan Limiansih	
16.21 - 16.40	From Nations to Ecologies: Rethinking the Design of Philippine Literary History by Joseph Salazar	
16.41 - 17.00	Reflection of Students on Maori Life and Their Relationship with White People in New Zealand Through the DESCA Approach by Intan Printina, Theresia Sumini	

Day 2, 26 July 2019

Time	Title	Moderator
East LPPM Room		
13.01 – 13.40	Invited Speaker:	Moderator: Yafet Kala Pandu
13.41 - 14.00	Promoting Global Citizenship Using Statistics: The Role of Synchronous Communication Technology by Russasmita Sri Padmi, Auijit Pattanajak, Yosep Dwi Kristanto	
14.01 - 14.20	The Development of HOTS Questions on Statistics Material for High School by Yastri Nopalia, Somakim	
14.21 - 14.40	Analysis of Problem Solving Ability Through Problem Based Learning on Topic Statistics in Eight Grade Junior High School Kanisius Kalasan Yogyakarta by Yafet Kala Pandu, Clara Prasetyawati Prabaningrum	
14.41 - 15.00	A Phenomenological Research of Mathematics Teachers' Belief Toward Mathematical Connection in Classroom Instruction by Anisa Astra Jingga, Mardiyana Mardiyana, Triyanto	
15.01 - 15.20	The Teachers' Ability in Mathematical Literacy for Space and Shape Problems on Pisa Adaptation Test by Hongki Julie	
West LPPM Seminar Room		
13.01 - 13.40	Invited Speaker: Dr. Tatag Yuli Eko Siswono, S.Pd., M.Pd.	Moderator: I Putu Ade Andre Payadnya
13.41 - 14.00	Application of "What-If" Learning Strategy to Improve Students' Mathematical Critical Thinking Skills in Statistics Method I Subject by I Putu Ade Andre Payadnya	
14.01 - 14.20	Development and Validation of a Test Instrument to Measure Pre-Service Mathematics Teachers' Content Knowledge and Pedagogical Content Knowledge by Yosep Dwi Kristanto, Albertus	

	Hariwangsa Panuluh, Elisabeth Dian Atmajati	
14.21 - 14.40	Hypothetical Learning Trajectory for Uniform Motion and Gradient Using the STEM Approach by Bekti Wulansari, Budi Lestari Handayani, Hongki Julie	
14.41 - 15.00	Hypothetical Learning Trajectory for Classification of Animals and Sets by Using the STEM Approach by Maria Roostika, Sri Utami, Ihsan Nur Setiawan, Hongki Julie	
15.01 - 15.20	Analysis of Grade VII Students' Learning Outcomes for Animals Classification and Sets by Using the STEM Approach by Sri Utami, Maria Roostika, Ihsan Nur Setiawan, Hongki Julie	
LSR Room		
13.01 - 13.40	Invited Speaker: Dr. Meiliasari, S.Pd., M.Sc.	Moderator: Fridgo Tasman
13.41 - 14.00	Analysing Mathematical Creative Thinking Ability on Sample Space Topics Grade VIII SMP Kanisius Pakem by Anung Wicaksono, Margaretha Janu	
14.01 - 14.20	Problem-Based Learning Design to Analyze the Problem-Solving Abilities of Vocational High School Students for Topic Probability by Fransiskus Ivan Gunawan, Nicholas Maryanto Lagut	
14.21 - 14.40	Design Research on Calculus: Students' Journey in Learning Definition of Definite Integral by Fridgo Tasman	
14.41 - 15.00	Defragmentation of Scheme Translation Adjustment in Solving Mathematical Modelling Problems by Kadek Adi Wibawa, Toto Nusantara, Subanji, I Nengah Parta	
15.01 - 15.20	Designing Learning Trajectory in Supporting Pre-Service Mathematics Teachers to Develop Learning Instructional	

	Based on Reflective Pedagogy Paradigm by Haniek Sri Pratini	
Merapi Room		
13.01 - 13.20	Perception of Mathematical Education Students on the Use of Classical Learning Model by Ali Asmar	Moderator: Ilde Ilka Jade Azis
13.21 - 13.40	Student's Understanding of the Equal Signs: A Case Study in Suburban School by Reni Wahyuni, Tatang Herman	
13.41 - 14.00	Development of Learning Worksheet in Modeling with Financial Context for Senior High School Student by Fahma Sari, Darmawijoyo	
14.01 - 14.20	Developing Hypothetical Learning Trajectory (HLT) for Teaching Fraction Using Realistic Mathematic Education (RME) Approach by Yulia	
14.21 - 14.40	Students' Logical Mathematical Intelligence in Completing Mathematical Problems with Natural Disaster Context by Siti Fatimah, Rahmah Johar	
14.41 - 15.00	The Ability of Multirepresentation of Junior High School Students in Solving Algebra Problems in the TIMSS Model by Ilde Ilka Jade Azis	
15.01 - 15.20	Learning Using a Worksheet Characterized by Recognition of Mathematical Symbols by Zukhrufurrohmah, Octavina Rizky Utami Putri	
Merbabu Room		
13.01 - 13.20	Mathematical Modeling Learning Design Linear Equation System Two Variables in Class VII by Nila Pitriana	Moderator: Nila Pitriana
13.21 - 13.40	Mathematical Critical Thinking Ability of Students Grade VII in Solving One Variable Linear Equation Questions Based on Their Cognitive Style by Salwah, Nur Wahidin Ashari, Ma'rufi	

13.41 - 14.00	Mathematics Teacher's Pedagogic Content Knowledge (PCK) in Mathematics Learning by Sri Yunita Ningsih, Darhim, Dadang Juandi	
14.01 - 14.20	PBL-Team Teaching: Vocational School of Mathematical Learning in the Era of Industri 4.0 by Anggita Maharani	
14.21 - 14.40	An Analysis of the Students' Anxiety in Solving Creative Thinking Problem on Geometry According to Van Hiele's Theory by Fitriana Nikmatur Rohmah, Sunardi Sunardi, Muhtadi Irvan, Hobri, Arisna Kusuma Dewi	
14.41 - 15.00	Studies of Level Visual Thinking on the Geometry of Middle School Students by Anwar, Dadang Juandi	
15.01 - 15.20	Civil Engineering Student's Ability in Representing Symbol of Partial Derivatives as Metonymy and Metaphor by Octavina Rizky Utami Putri, Zukhrufurrohmah	
MM Audio Visual Room		
13.01 - 13.20	The Effectiveness Comparison of Mathematics Learning Through Think-Pair-Share and Team Assisted Individualization Cooperative Learning in Junior High School Students in Walenrang by Fitriani A., Muhammad Ilyas, Nisraeni	Moderator: Ahmad Fauzan
13.21 - 13.40	Development of Middle School Mathematics Worksheet Based on M-APOS Approach to Improve Students' Problem Solving Ability by Yerizon, Armiami, Layla Fadhillah	
13.41 - 14.00	The Practicality of the Mathematics Learning Module on Triangles Developed Using Geogebra Software by Ade Irma Suryani, Anwar, Hajidin	
14.01 - 14.20	Mathematics Teachers Creativity in Designing Mathematics Assessment: Phenomenology of Creativity to Support	

	Education for Sustainable Development by Indah Widiati	
14.21 - 14.40	Learning Trajectory for Teaching Number Patterns Using RME Approach in Secondary School by Ahmad Fauzan, Fitri Diana	
14.41 - 15.00	The Genetic Decomposition of Students About Infinite Series Through the Ethnomathematics of Bengkulu, Indonesia by Wahyu Widada, Dewi Herawaty, Khathibul Umam Zaid Nugroho, Nilna Ma'rifah, Sarwo Edi	
15.01 - 15.20	Learning Design on Set Materials Using the Model Problem Based Learning for Seventh Grade Students in Junior High School of Kanisius Kalasan Yogyakarta by Mesak Ratuanik, Marcellinus Andy Rudhito	
Koendjono Room		
13.01 - 13.20	Implementation of Virtual Manipulative Using Problem Based Learning on Topic Algebra for Seventh Grade Students in Junior High School of Santo Aloysius Turi Yogyakarta by Florianus Aloysius Nay, Marcellinus Andy Rudhito	Moderator: Siti Nuriyatin
13.21 - 13.40	Ethnomathematics: Design Mathematics Learning at Secondary Schools Trough Traditional Game of Melayu Riau by Yenita Roza	
13.41 - 14.00	Learning Design of Geometri Lukis to Support the Ability of Problem Posing the Prospective Teachers by Siti Nuriyatin, Soffil Widadah	
14.01 - 14.20	Design and Validation of Learning Sequences of PGSD Sanata Dharma University Student to Teach the Fraction Concept for Primary Student Using Montessori Media by Christiyanti Aprinastuti, Maria Agustina Amelia	

14.21 - 14.40	The Quality of Teacher's Questions in Mathematics Learning Based on ELPSA Framework by Rozalia, Rahmah Johar, M. Duskri, Cut Khairunnisak, Tuti Zubaidah	
14.41 - 15.00	Design Research: Development of Learning Using Indonesian Realistic Mathematics Education Approach to Build Students' Relational Understanding in Function Derivative Learning of Students in Class XI Cikarang Utara Senior High School by Sri Sulasmi	
15.01 - 15.20	The Prototype of PISA-Like Digital Mathematics Tasks by Meryansumayeka, Zulkardi, Ratu Ilma Indra Putri, Cecil Hiltrimartin	
Kadarman Room		
13.01 - 13.20	Supporting Students' Understanding of Partitive Fraction Division through Models by Kamirsyah Wahyu	Moderator: Andriyani
13.21 - 13.40	Learning Quadrilateral Betweenness Relations Using Geometry's Puzzle for Blind Students by Andriyani, Dwi Juniati	
13.41 - 14.00	Analysis the Problem Solving Skill of Seventh Grade Students in Junior Institute Indonesia Yogyakarta High School on Triangle Materials After the Application of Problem Based Learning Model by Christiana Monica Vianny Abong Elannor, Philomena Theresia Nggowa Dapa	
14.01 - 14.20	Analysis of Spatial Ability of Eight Grade Students in Junior Institute Indonesian Yogyakarta High School Using Problem Based Learning on Topic of Cuboids and	

	Cubes by Maria Yustina Nanga, Roberta Uron Hurit	
14.21 - 14.40	The Analysis of Problem Solving Skills Through Problem Based Learning on Topic Perimeter of Triangle at Seventh Grade Students in Junior High School Kanisius Kalasan Yogyakarta by Nor Annisa, Kamelia Mauleto	
14.41 - 15.00	Analysis of Problem Solving Ability of Eight Grade Students of Santo Aloysius Sleman Junior High School in Mathematical Learning Using Problem Based Learning Approach to Inner Tangent Between the Two Circles Material by Jeverson Peri Maran, Anansi Sabu Jaghu Renggi	
15.01 - 15.20	An Analysis of Mathematics Pre-Service Teachers' Knowledge, Beliefs and Attitude Toward Mathematics HOTS Problems by Nurina Ayuningtyas, Naufal Ishartono	
Teratai Room		
13.01 - 13.20	Analysis of Student Errors in Solving Geometry Problems Based on Mathematical Anxiety in Terms of Van Hiele's Theory by Arisna Kusuma Dewi, Sunardi, Muhtadi Irvan, Hobri, Fitriana Nikmatur Rohmah	Moderator: Arisna Kusuma Dewi
13.21 - 13.40	The Effect of Gender and Cognitive Style on Students' Relational Thinking Skills in Solving Mathematical Problems by Akhmad Syaiful Bahri	
13.41 - 14.00	The Anxiety of Students on Deduction Level in Proving the Geometry Theorem by Khoirotun N Ni'mah, Susanto, Sunardi, Hobri, Sahnawi	

14.01 - 14.20	Ethnomathematics Based on Javanese Calendar by Niken Wahyu Utami, Suminto A Sayuti, Jailani	
14.21 - 14.40	Experiences of Sanata Dharma University Students in Learning of Mathematical Modelling Course Conducted in English by Sudi Mungkasi	
14.41 - 15.00	Media Abacus in Solving Problem Related to Multiplication Operation for Mental Retardation Student by Susiana, Andriyani, Benny Nawa Trisna	
15.01 - 15.20	The Local Instructional Theory Development for Social Arithmetic Topic Based on Problem-Based Instruction in Junior High Schools by Risnawati Ahmad	
East LPPM Seminar Room		
15.41 - 16.00	Development of Evaluation of Mathematical Communication Capabilities Based on Information Technology for Junior High School Students by Neneng Aminah, Ika Wahyuni, Wendi Kusriandi, Asep Wijayanto	Moderator: Widodo Yulianto
16.01 - 16.20	The Development of Mathematics Higher Order Thinking Learning Using Metacognitive Strategies in Term of Model Effectiveness by Bansu Irianto Ansari, Rini Sulastri, Evi Apriana	
16.21 - 16.40	Development of Appy Pie Learning Media Based on Metacognitive Approach for Mathematical Reflective Thinking Ability in Geometry by Rizki Amalia, Fadilah, Anwar	
16.41 - 17.00	The Profile of Metacognitive Skills of Students in Solving Mathematics Word Problem by Florensius Widodo Yulianto	

West LPPM Seminar Room		
15.41 - 16.00	Student Academic Engagement Through STEM-PjBL in Junior High School by Rahmah Johar, Cut Morina Zubainur, Yulia, Khaluka Ahsana Fitri	Moderator: Fathur Rahmi
16.01 - 16.20	Probability Learning Trajectory: Students' Emerging Relational Understanding of Probability Through Comparison by Fathur Rahmi, Pinta Deniyanti Sampoerno, Lukita Ambarwati	
16.21 - 16.40	Designing Learning Environment in Supporting Pre-Service Mathematics Teacher to Conduct Higher-Order Thinking Oriented Learning in Micro-Teaching Course by Veronika Fitri Rianasari	
16.41 - 17.00	Design Research and Deleuzian Rhizome: A Case of A/R/Tographic Research by Chrysogonus Siddha Malilang	
LSR Room		
15.41 - 16.00	Opportunity-To-Learn Fraction Division Through Mathematics Tasks in Indonesia's Mathematics Textbooks by Sofyan Mahfudy, Kamirsyah Wahyu	Moderator: Retna Widyarningsih
16.01 - 16.20	Student's Metacognitive Abilities Using Problem Solving for the Application of Absolute Value Material in Linear Equations and Linear Inequality in the Senior High School by Retna Widyarningsih	
16.21 - 16.40	Analysis of Teacher and Student Needs for Mathematical Questions with Disaster Context by Nuzulidar, Rahmah Johar	
16.41 - 17.00	Learning Design to Prove Trigonometry Identity Using Problem-Based Learning (PBL) by Stefanus Surya Osada, Fransiskus Xaverius Catur Supatmono	

Merapi Room		
15.41 - 16.00	Development of Proving Ability in Geometry by Stephanus Suwarsono	Moderator: Atika Khaulah Putri
16.01 - 16.20	Exploring Students' Creative Thinking Processes in a Mathematical-Inquiry Learning by Nanda Ayu Indarasati, Abadi, Agung Lukito	
16.21 - 16.40	Teaching Volumes of Solids of Revolution to Mathematics Education Study Program Students Using Earthenware by Christi Matitaputty, Theresia Laurens	
16.41 - 17.00	Students' Specializing in Mathematics Problem Solving by Atika Khaulah Putri	
Merbabu Room		
15.41 - 16.00	Design Research: Implementation of Pendidikan Matematika Realistik Indonesia (PMRI) in Efforts to Improve Student's Algebraic Thinking Skills Ability by Ayu Dina Adniaty	Moderator: Mariana Marta Towe
16.01 - 16.20	Developing Learning Trajectories with the RME of Phyragoras Material by Mariana Marta Towe	
16.21 - 16.40	Land Subdivision: How Students Determine Equal Area of a Triangle by Aan Hendroanto	
16.41 - 17.00	Characteristics of Mathematics High Order Thinking Skill Problems Levels by Rachmat Okta Ariyanto	
MM Audio Visual Room		
15.41 - 16.00	Teachers' Use of Classroom Assessment in Primary School Mathematics Education in Jambi Indonesia by Silvia Fitriani, Ratu Ilma Indra Putri, Zulkardi	Moderator: Wahyu Widada

16.01 - 16.20	The Cognitive Process of Students in Understanding the Parallels Axiom Through Ethnomatematics Learning by Dewi Herawaty, Wahyu Widada, Abdurrobbil Falaq Dwi Anggoro, Fizi Herdian, Desi Oktamarika	
16.21 - 16.40	Experience of a Mathematics Teacher Practitioner and Mathematics Educator Concerning the Teaching and Learning of Mathematics in Indonesia by Fadjar Shadiq	
16.41 - 17.00	Visual Aids to Develop the Ability on Learning Math for Childrenren with the Special Needs (Slow Learner and Diskalkulia) by Witanti Wiyantari, Rahmawati Suharno, Christiyanti Aprinastuti, Brigitta Erlita Tri Anggadewi	
Koendjono Room		
15.41 - 16.00	Design Research on Realistic Mathematics Approach to Shift the Passive Traditional Classroom Social Norm Towards an Active by Evangelista Lus Windyana Palupi, Dini Kinati Fardah, Ahmad Wachidul Kohar	Moderator: Agyta Meitrilova
16.01 - 16.20	Analysis of Student Mathematic Representation to Completing Problems on Relations and Function Materials by Olfiana Dapa Kambu	
16.21 - 16.40	Ethnomatematics: Design Mathematics Learning at Secondary Schools by Using Traditional Game of Melayu Riau by Yenita Roza	
16.41 - 17.00	Learning Design Using the PMRI Approach to Central Tendency Materials by Agyta Meitrilova	
Kadarman Room		

15.41 - 16.00	"Gerpak Tuyul" as a Context in Learning Addition Integer Using LSLC System by Ariska Agustina, Ratu Ilma Indra Putri	Moderator: Ariska Agustina
16.01 - 16.20	Hypothetical Learning Trajectory (HLT): Design Mixed Fractions Materials Using PMRI and Lesson Study by Dinda Mahardika	
16.21 - 16.40	Development of the Complexity Measurement Instruments of the Mathematical Contextual Problem of Trigonometry Topic by Margaretha Madha Melissa, Veronica Yeshinta Komalasari	
16.41 - 17.00	The South Sumatra as the Context to Design Learning on the Scale Ratio Using LSLC by Elisa Mayang Sari, Ratu Ilma Indra Putri	
Teratai Room		
15.41 - 16.00	The Cognitive Process of Extended Trans Students in Understanding the Real Number System by Dewi Herawaty, Wahyu Widada, Iran Sairan, Mike Adriyati, Khthibul Umam Zaid Nugroho	Moderator: Dewi Herawati
16.01 - 16.20	Students of the Extended Abstract Level in Proving Lobachevsky's Parallel Lines Theorem by Wahyu Widada, Dewi Herawaty, Rahmat Jumri, Hayatri Wulandari, Fizi Herdian, Abdurrobbil Falaq Dwi Anggoro	
16.21 - 16.40	The Mathematization Process of Students to Understand the Concept of Vectors Through Learning Realistic Mathematics and Ethnomathematics by Wahyu Widada, Dewi Herawaty, Yeyen Beka, Rahmi Maiyunda Sari, Rizki Riyanti	

16.41 - 17.00	Applying an Alternative Teaching Aid in the Learning of Fractions, Decimals and Percentages by Muhammad Abqari Haji Emran, Najihah Kamila Haji Musa, Noor Izzah Batrisyia Haji Kamaluddin, Muhammad Samhan Azamain, Masitah Shahrill	
	The Characteristics of Relational Students in Understanding the Concepts of Normal Subgroups by Wahyu Widada, Dewi Herawaty, Selvin Ariska, Ririn Afifah, Bella Trinofita	
	The Development of Learners' Key Competencies Using the Learning Activity of Scientific Imagineering Through Social Media by Somsak Techakosit	

Day 3: Saturday, 27 July 2019

Time	Title	Moderator
East LPPM Room		
13.01 – 13.40	Invited Speaker: Luisa Diana Handoyo, M.Si.	Moderator: Tjitra Ramadhani
13.41 - 14.00	Overcoming Difficulty Understanding the System of Linear Equations Through Ethnomathematics Learning by Wahyu Widada, Dewi Herawaty, Mohammad Habibie Rahman, Dita Yustika, Elsa Putri Gusvarini	
14.01 - 14.20	The Appreciative Conversation in Classroom Reflection Session to Promote Communal Solidarity by Lucianus Suharjanto	
14.21 - 14.40	Students' Obstacles in Understanding the Properties of the Closed Sets in Terms of the APOS Theory by Dewi Herawaty, Wahyu Widada, Sri Handayani, Berindo Berindo, Rina Febrianti, Abdurrobbil Falaq Dwi Anggoro	
14.41 - 15.00	Students of the Extended Abstract Level in Proving Lobachevsky's Parallel Lines Theorem by Wahyu Widada, Dewi Herawaty, Rahmat Jumri, Hayatri Wulandari, Fizi Herdian, Abdurrobbil Falaq Dwi Anggoro	
15.01 - 15.20	Overcoming Anxiety in English Language Learning Through Drama Performance by Tjitra Ramadhani	
15.21 - 15.40	Designing Literacy Learning Model Using Balanced Literacy Approach in Elementary School by Susan Maulani, Bachruddin	

	Musthafa Musthafa, Mubiar Agustin Agustin	
15.41 - 16.00	Design Literacy Environment Model in Primary School by Hilman Hilmawan, Bachrudin Musthafa, Mubiar Agustin	
West LPPM Seminar Room		
13.01 - 13.40	Invited Speaker: Dr. Marcellinus Andy Rudhito, S.Pd.	Moderator: Pressa Perdana
13.41 - 14.00	Problems of HOTS High School Create Categories by Baidil	
14.01 - 14.20	Higher Order Thinking Skills of Year 8 Students in Solving Polyhedron Problems by Ma'rufi, Muhammad Ilyas, Rio Fabrika Pasandaran, Shandy Agung	
14.21 - 14.40	High Level Thinking Skills in Class V Thematic Learning (Case Study in One of the Private Elementary Schools in Sleman Yogyakarta District) by Apri Damai Sagita Krissandi	
14.41 - 15.00	Combination of quadratic discriminant analysis and daubechis wavelet for classification level of misalignment on induction motor by Pressa Perdana Surya Saputra	
15.01 - 15.20	Physics Education Students' Perception on the Use of Motion Detector in Linear Motion Practicum by Albertus Hariwangsa Panuluh, Elisabeth Dian Atmajati, Yosep Dwi Kristanto	
15.21 - 15.40	STEM for Future Education by Nisraeni, Ahmad Rustam, Deni Iriyadi	

15.41 - 16.00	Developing Two-Dimensional Figure Based Palembang Local Cultural Context by Lisnani	
LSR Room		
13.01 - 13.20	Local Instruction Theory in History of African State Revolution to Improving Literation Activities by Hendra Kurniawan	Moderator: I Putu Wisna Ariawan
13.21 - 13.40	The Implementation of STEM Approach in Teaching Electricity and Statistics to a Group of IX Grade Junior High School Students in Yogyakarta by Yustina Novi Kurniati, Cicilia Doris Sri Redjeki	
13.41 - 14.00	The Development of HOTs Problems on Probability and Statistics for Middle School by Amalia Ansari, Somakim, Darmawijoyo, Ning Eliyati	
14.01 - 14.20	Android Application Development of Exploration Career Based on Multiple Intellegence: A Model Hypothetical by Salamah Agung	
14.21 - 14.40	Initial Design of Blended Learning for Mathematics Subject Using the Kelase Platform by Adopting Content of Tri Kaya Parisudha by I Putu Wisna Ariawan, Dewa Gede Hendra Divayana, P. Wayan Arta Suyasa	
14.41 - 15.00	Developing Chemical Equilibrium Practicum Module Based on Guided Inquiry to Explore Students' Abilities in Designing Experiments by Fransisca Ditawati Nur Pamenang, Johnsen Harta, Risnita Vicky Listyarini, Lucia Wiwid Wijayanti, Monica Cahyaning Ratri, Natalia Diyah Hapsari, Maslichah Asy'ari, Wonkoo Lee	

15.01 - 15.20	Ethnoscience Study of the Traditional Pacu Jalur in Kuantan Singingi District in Physics Learning by Dodi Dahnuss	
15.21 - 15.40	The Thinking Process of Students in Understanding the Concept of Graphs During Ethnomathematics Learning by Wahyu Widada, Dewi Herawaty, Dwi Sulikah Andriyani, Renti Marantika, Isma Damai Yanti	
15.41 - 16.00	Development of Mathematical Learning Device Based on Computer Multimedia on Circle Materials in Class VIII Angkasa Lanud Pattimura Middle School by Christina Martha Laamena, Theresia Laurens	
Merapi Room		
13.01 - 13.20	An Introduction to the Rasch Measurement Model: A Case of Bachelor of Mathematics Education Students Comprehensive Test by Elizar, Cut Khairunnisak	Moderator: Sumarni
13.21 - 13.40	Analysis of Student Learning Outcomes in Proving Trigonometric Identities from Problem Based Learning Class by Stefanus Surya Osada, Fransiskus Xaverius Catur Supatmono	
13.41 - 14.00	The Learning Trajectory of Pattern Number Learning Using Uno Stacko Game by Irma Risdiyanti, Rully Charitas Indra Prahmana	
14.01 - 14.20	Student Perception of Oral Pretest and Written Pre Test Implementation in Pre-Experiment Activity by Elisabeth Dian Atmajati, Yosep Dwi Kristanto, Albertus Hariwangsa Panuluh	
14.21 - 14.40	Students' Thinking Process in Solving Mathematical Literacy Problem with Space	

	and Shape Content by Lestariningsih, Eni Nurhayati, Moch Lutfianto	
14.41 - 15.00	Didactic Trajectory of Learning Device Development Using Project-Based Learning by Sumarni	
15.01 - 15.20	Improving the Communication Skills of Grade VII Students for Animals Classification and Set by Using STEM Approach by Ihsan Nur Setiawan, Maria Roostika, Sri Utami, Hongki Julie	
15.21 - 15.40	The Efforts to Develop the Geometry Learning Tools Based on Aceh Culture Through Problem Based Learning in SMP Students by Husnawati, Anwar, Muhammad Ikhsan	
15.41 - 16.00	Design Research: Learning Improvement Using Pendidikan Matematika Realistik Indonesia (PMRI) Approachment for Constructing the Relational Understanding of the Topic Sequence and Series Grade 8 at SMP Pelangi Kasih by Novelin Gracia	
Merbabu Room		
13.01 - 13.20	Designing PISA like Tasks Considering Levels of Context Use for Mathematical Problem by Ahmad Wachidul Kohar, Achmad Dhany Fachrudin, Dayat Hidayat, Nina Rinda Prihartiwi, Evangelista Lus Windyana Palupi	Moderator: Rooselyna Ekawati
13.21 - 13.40	Learning Pythagorean Theorem from Ancient China: A Preliminary Study by Achmad Dhany Fachrudin, Rooselyna Ekawati, Ahmad Wachidul Kohar, Soffil Widadah, Intan Bigita Kusumawati, Rini Setianingsih	

13.41 - 14.00	The Effectiveness of Teacher's Interpersonal Behaviour on Students' Attitudes in Mathematics Classroom by Ummiy Salmah	
14.01 - 14.20	How Should the Teacher Provide Feedback and Its Follow-Up in the Assessment of Mathematics Learning? By Fauziah Fakhrunisa, Tatang Herman	
14.21 - 14.40	Integrating the Hypothetical Learning Trajectory of Teaching Mathematics with Realistic Mathematics Education Approach to In-Service Teachers' Professional Development by Rooselyna Ekawati	
14.41 - 15.00	The Development a Waste-Based Mathematics Education Medium by Siti M Amin, Agung Lukito, Siti Khabibah	
15.01 - 15.20	Designing Learning Activities Using Rigorous Mathematical Thinking (RMT) Approach in Application of Derivatives by Dayat Hidayat, Ahmad Wachidul Kohar, Nina Rinda Prihartiwi	
15.21 - 15.40	Elementary School Teachers' Perceptions of the Integration STEM Education in Mathematics Classroom by Pasttita Ayu Laksmiwati	
15.41 - 16.00	Designing Reasoning Problem of Linear Equations with Two Variables Through Compare and Exchange Activities by Amalia Agustina, Zulkardi	
MM Audio Visual Room		
13.01 - 13.40	Invited Speaker: Prof. Dr. Ratu Ilma Indra Putri, M.Si.	Moderator: Poppy Trianti Rahayu
13.41 - 14.00	The Data Package Context in Mean Study Using of LSLC and RME by Poppy Trianti Rahayu	

14.01 - 14.20	Crochet Crafts as a Context to Design Research Using LSLC System of Number Pattern by Andini, Ratu Ilma Indra Putri	
14.21 - 14.40	Analysis of Representation Forms on SPLDV Materials for Class VIII SMP by Yuliana Ina Kii	
14.41 - 15.00	Using Comics to Captivate Primary School Pupils in Solving Mathematics Word Problems by Noor Izzah Batrisyia Haji Kamaluddin, Muhammad Samhan Azamain, Muhammad Abqari Haji Emran, Najihah Kamila Haji Musa, Masitah Shahrill	
15.01 - 15.20	Students' Ability to Simplify the Concept of Function Through Realistic Mathematics Learning with the Ethnomathematics Approach by Dewi Herawaty, Wahyu Widada, Alif Adhitya, Rosalia Dyah Widiya Sari, Abdurrobbil Falaq Dwi Anggoro, Lizza Novianita	
15.21 - 15.40	The Characteristics of Relational Students in Understanding the Concepts of Normal Subgroups by Wahyu Widada, Dewi Herawaty, Selvin Ariska, Ririn Afifah, Bella Trinofita	
15.41 - 16.00	Task Design for Inquiry-Based Learning to Train Middle School Students' Mathematics Problem-Solving Ability by Agung Lukito, Siti M Amin, Evangelista L W Palupi	
16.01 - 16.20	An Analysis Identification of Physics Student Critical Thinking and Creative Thinking Skill in Physics Learning by Sri Handono Budi Prastowo, Yushardi, Bambang Supriadi, Alex Harijanto	