

**SCHEDULE FOR PARALEL SESSION  
MATHEMATIC EDUCATION**

**MONDAY, 7<sup>th</sup> MAY 2018 / SESSION 1: 01.00 - 03.00 PM**

**ROOM: BALLROOM I**

<b>Code</b>	<b>TITLE</b>	<b>MODERATOR</b>
ME-1	<b>INVITED SPEAKER (01.00 – 01.45 PM)</b>  <b>Fostering Pre-Service Mathematics Teachers’ Technological Pedagogical Content Knowledge (TPACK) through the Learning Community</b> Lilla Adulyasas Department of Mathematics and Statistics, Yala Rajabhat University	Ariyadi Wijaya
<b>Parallel Session, 01.45 - 03.00 PM</b>		
ME-2	<b>How Could We Assess the Pedagogical and Professional Competences of Prospective Mathematics Teachers?</b> Ariyadi Wijaya Mathematics Education Department, Universitas Negeri Yogyakarta	Ika Setyana
ME-3	<b>Lesson Study for Learning Community and 21st Century Skills</b> Rini Herlina Rusiyanti Universitas Sriwijaya	
ME-4	<b>Exploration of Students Quantitative Reasoning in Solving Mathematical Problem: a Case Study of Field-dependent (FD) Cognitive Style</b> Muhammad Muzaini Universitas Cokroaminoto Palopo, Indonesia	
ME-213	<b>The Design and Impact of Interactive E-Book on Academic Language Achievement to Language Minority Students</b> Muneeroh Phadung Computer Education Program, Faculty of Science Technology and Agriculture, Yala Rajabhat University, Yala, Thailand	Yunda Victorina Tobondo
ME-6	<b>Creative Thinking Process on FI and FD Students in Mathematics Problem Solving</b> Ika Setyana Universitas Sebelas Maret	
ME-7	<b>Constraints and Strategy of Mathematics Teachers in The Implementation of Continuing Professional Development (CPD) in Disadvantaged Areas</b> Yunda Victorina Tobondo, Heri Retnawati Yogyakarta State University	

MONDAY, 7<sup>th</sup> MAY 2018 / SESSION 1: 01.00 - 03.00 PM

ROOM : BALLROOM II

CODE	TITLE	MODERATOR
ME-1	<p><b>INVITED SPEAKER (01.00 – 01.45 PM)</b></p> <p><b>Fostering Pre-Service Mathematics Teachers’ Technological Pedagogical Content Knowledge (TPACK) through the Learning Community</b>                      Lilla Adulyasas                      Department of Mathematics and Statistics, Yala Rajabhat University</p>	Ariyadi Wijaya
<b>Parallel Session, 01.45 - 03.00 PM</b>		
ME-8	<p><b>Pedagogical Content Knowledge of Mathematics Pre-service Teachers: Do they know their students?</b>                      Wahyu Setyaningrum                      Mathematics Education Department, Yogyakarta State University</p>	Djamilah Bondan Widjajanti
ME-9	<p><b>Logical Mathematical Intelligence and Spatial Intelligence based on Student Gender</b>                      Azwar Anwar, Agus Maman Abadi                      Yogyakarta State University</p>	
ME-10	<p><b>Self-Regulated Learning: The Effect on Student’s Mathematics Achievement</b>                      Asri Fauzi, Djamilah Bondan Widjajanti                      Yogyakarta State University</p>	
ME-11	<p><b>Designing Task to Support Student’s Creative Thinking Process in Problem Solving of Fraction in Elementary School</b>                      Septi Triyani                      State University Of Surabaya</p>	Wahyu Setyaningrum
ME-12	<p><b>Task Commitment Concepts, Characteristics, and Its Relationship to Student Mathematics Achievements</b>                      Nurafni Retno Kurniasih, Idris Harta                      Yogyakarta State University</p>	
ME-13	<p><b>An Analysis of Metacognition and Mathematics Self-Efficacy Towards Mathematics Problem Solving Ability</b>                      Moh. Bayu Susilo, Heri Retnawati                      Yogyakarta state university</p>	

MONDAY, 7<sup>th</sup> MAY 2018 / SESSION 1: 01.00 - 03.00 PM

ROOM : IRIS

CODE	TITLE	MODERATOR
ME-14	<b>Exploring the Knowledge of Content and Teaching (KCT) of Prospective Math Teacher in Planning Mathematical Literacy Teaching.</b> Nurcholif Diah Sri Lestari Universitas Jember	Wike Ellissi
ME-15	<b>Slope Of Straight Line In Ladder: A Learning Trajectory</b> Duano Sapta Nusantara Sriwijaya University	
ME-16	<b>The Effect of Using Google Maps Media on Students' Spatial Thinking Skills</b> Nuryani Desi Safitri Universitas Pendidikan Indonesia	
ME-17	<b>The Analysis of Students' Spatial Ability of 8th Grade on The Block And Cube Material</b> Wike Ellissi Sanata Dharma University	Sumbaji Putranto
ME-18	<b>The Comparison of Cooperative Learning Model Viewed from Students' Emotional Intelligence</b> Ahmad Junaedi, Budiyono, Isnandar Slamet UNS	
ME-19	<b>Ability of Mathematical Connection in Trigonometric Problem Solving Reviewed from Logical Mathematical Intelligence Student Class X</b> Sarkam Universitas Negeri Sebelas Maret (UNS)	
ME-20	<b>Does Peer Tutoring with Realistic Mathematics Education Approach Effective to Develop Conceptual Understanding of Slow Learners?</b> Sumbaji Putranto, Marsigit Yogyakarta State University	Nurcholif Diah Sri Lestari
ME-21	<b>Identification of Calculation and Measurement Estimation Strategies Based on Visual-Spatial Intelligence</b> Siti Lailiyah, Ahmad Lubab, Agus Prasetyo Kurniawan, Sutanti Dwi Payanti Mathematics Education Department, State Islamic University of Sunan Ampel Surabaya	

MONDAY, 7<sup>th</sup> MAY 2018 / SESSION 1: 01.00 - 03.00 PM

ROOM : HIBISCUS

CODE	TITLE	MODERATOR
ME-22	<b>The Influence of Students' Self Confidence on Mathematics Learning Achievement</b> Kunny Kunhertanti, Rusgianto Heri Santosa Yogyakarta State University	Yunita Herdiana
ME-23	<b>Intertwining Characteristic in Realistic Mathematics Education (RME) Approach To Learn The Linear And Quadratic Equation System</b> Florensus Widodo Yulianto Sanata Dharma University	
ME-24	<b>Efforts to Increase Self-Confidence Students Junior High School in Learning Mathematics with Discovery Learning Method</b> Lana Sugiarti Yogyakarta State University	
ME-25	<b>Effectiveness of Rigorous Mathematical Thinking on Mathematical Problem Solving</b> Yunita Herdiana Universitas Pendidikan Indonesia	Nunung Nurhidayah
ME-26	<b>Ability of Student Mathematical Disposition in Mathematical Learning with Problem-Based Learning (PBL) Approach</b> Supriadi, Rusgianto Heri Santosa Yogyakarta State University	
ME-27	<b>Perception of Junior High School Student in Sleman about Mathematics and Creativity</b> Elsa Susanti, Hartono Graduate Program of Mathematics Education, Yogyakarta State University	
ME-28	<b>Judging Figure by Their Appearance: Investigating 9th Grade Students' Geometric Thinking</b> Nunung Nurhidayah Universitas Pendidikan Indonesia	Kunny Kunhertanti
ME-29	<b>Student Mathematical Representation under Process Oriented Guided Inquiry Learning Model</b> Sindy Artilita Indonesia University of Education	

**SCHEDULE FOR PARALLEL SESSION  
MATHEMATIC EDUCATION**

**MONDAY, 7<sup>th</sup> MAY 2018 / SESSION 2: 03.00 - 05.00 PM**

**ROOM : BALLROOM I**

CODE	TITLE	MODERATOR
ME-30	<b>Self-Regulated Learning Mathematics of Students in Secondary School</b> Budi Yanto Yogyakarta State University	Baiduri
ME-31	<b>Design Learning Mathematics With Sport in Asian Games 2018</b> Chika Rahayu STKIP Muhammadiyah Pagaram	
ME-161	<b>Improving Student's Interpersonal Skills Through Problem-Based Learning</b> Ummi Santria, Jailani Yogyakarta State University	
ME-33	<b>The Representations of Mathematics Education Students in Solving Algebra Problems</b> Baiduri University of Muhammadiyah Malang	Budi Yanto
ME-34	<b>The Effectiveness of Creative Problem Solving Model According to Reasoning Mathematics</b> Abdillah Rachman Postgraduated of Mathematics Education, States University of Yogyakarta, Indonesia.	
ME-35	<b>Mathematical Generalization: A Systematic Review and Synthesis of Literature</b> Fevi Rahmawati Suwanto, Ariyadi Wijaya Yogyakarta State University	
ME-324	<b>Effects of Enhancing Computational Thinking Skills Using Educational Robotics Activities for Secondary Students</b> Muneeroh Phadung, Sirichai Namburi, Praewsree Dermrach, and Ismaae Latekeh Computer Education Program, Faculty of Science Technology and Agriculture, Yala Rajabhat University, Yala, Thailand	

MONDAY, 7<sup>th</sup> MAY 2018 / SESSION 2: 03.00 - 05.00 PM

ROOM : BALLROOM II

CODE	TITLE	MODERATOR
ME-36	<b>Problem Based Learning to Improve Cognitive Ability of Mathematics Learning</b> Konstantinus Denny Pareira Meke, Dhoriva Urwatul Wustqa Yogyakarta State University	Su'idah Nur Aini Aziz
ME-37	<b>Developing Pedagogical Content Knowledge of Mathematics Pre-Service Teacher through Microteaching Lesson Study</b> Wasilatul Murtafiah University of PGRI Madiun	
ME-38	<b>Exploring the Relationship Between Teachers' Instructional and Students' Levels of Geometrical Thinking Based Van Hiele's Theory</b> Saepul Watan & Sugiman Yogyakarta State University	
ME-39	<b>Students' Understanding of Negative Integers and Its Operations Based on Pseudo-Scaffolding</b> Su'idah Nur Aini Aziz Universitas Negeri Surabaya	Konstantinus Denny Pareira Meke
ME-40	<b>Students Descriptions in Problem-Solving Based on Cognitive Domain Bloom's Taxonomy Viewed from Logical-Mathematical Intelligence</b> Arif Widayanto Sebelas Maret University	
ME-41	<b>Mathematical Creative Thinking and Problem Posing: An Analysis of Vocational High School Students' Problem Posing</b> Heni Lilia Dewi, Marsigit Yogyakarta State University	

MONDAY, 7<sup>th</sup> MAY 2018 / SESSION 2: 03.00 - 05.00 PM

ROOM : IRIS

CODE	TITLE	MODERATOR
ME-42	<b>Mathematical Learning Through Modeling Task in Senior High School: Using Nutrition Context</b> Bambang Riyanto Doctoral Degree Program of Mathematics Education of Faculty of Teacher Training and Education of Sriwijaya University	Desy Dwi Frimadani
ME-43	<b>Process of Students Thinking in Geometrys Room Problems in X Grade of Public Senior High School 1 Manyar Gresik</b> Sutini, Aning Wida Yanti UIN SUNAN AMPEL SURABAYA	
ME-44	<b>Implementing Van Hiele Theory on Circle Module</b> Isnaeni Umi Machromah Universitas Muhammadiyah Surakarta	
ME-45	<b>Improving Students Mathematical Ability through Adversity Quotient with LEAD Strategy</b> Desy Dwi Frimadani, Djamilah Bondan Widjajanti Yogyakarta State University	Bambang Riyanto
ME-46	<b>Improving Students' Mathematical Intuition Abilities Through Snow Cube Throwing Learning Model</b> Nenden Mutiara Sari Universitas Pasundan	
ME-47	<b>From Convergent to Divergent Thinking: Developing an Assessment Instrument of Higher Order Thinking Skills in Mathematics with Islamic Context</b> Kusaeri, Lisanul Uswah S., Tatik Indayati, and Muhammad Ikmal F. Islamic State University of Sunan Ampel Surabaya	

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ROOM : HIBISCUS

<b>CODE</b>	<b>TITLE</b>	<b>MODERATOR</b>
ME-48	<b>Enhancing an Ability Mathematical Reasoning through Metacognitive Instruction</b> Wahyu Lestari, Jailani Yogyakarta State University	Indra Ivanti Siregar
ME-49	<b>Mathematical Abstraction of Junior High School Students With Process CRA (Concrete Representational Abstract) Approach</b> Annisa Nurainy Universitas Pendidikan Indonesia	
ME-50	<b>Game-based Edutainment Media Using Guided Discovery Approach: What Teacher Say?</b> Riska Ayu Ardani, Wahyu Setyaningrum Yogyakarta State University	
ME-51	<b>The Process of Scientific Thinking in Mathematics Learning: Geometry in Senior High School</b> Indra Ivanti Siregar Sebelas Maret University	Wahyu Lestari
ME-52	<b>Activated Scheme in Pattern Problems by Student with Low Mathematics Ability</b> Helti Lygia Mampouw Universitas Kristen Satya Wacana	
ME-53	<b>Development of Calculus Module on Vocational High School Students in Order To Improve Student Achievement And Appreciation on Mathematics</b> Anggraeni Ratna Winanti Student Of Pascasarjana UNY	



**SCHEDULE FOR PARALEL SESSION  
MATHEMATIC EDUCATION**

**TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 1: 08.00 - 09.30 AM**

**ROOM : IRIS**

<b>CODE</b>	<b>TITLE</b>	<b>MODERATOR</b>
ME-54	<b>The Effectiveness of Quantum Learning in Scientific Approach Viewed from the Student's Reasoning Ability and Attitude Toward Mathematics</b> Theodora Yunita Mekaria Universitas Negeri Yogyakarta	Fatya Azizah
ME-55	<b>Improvement of Mathematical Inductive Reasoning Ability of Junior High School Students with Discovery Learning Model</b> Retno Dwi Putri Department of Postgraduate Mathematics Education, Yogyakarta State University	
ME-56	<b>Designing Think Pair Share (TPS) Model with Science, Technology, Engineering, Mathematics (STEM) Approach to Increase Mathematics Learning Outcomes</b> Indah Werdiningsih Universitas Sebelas Maret	
ME-57	<b>Relationship Analysis Between Mathematics Problem Solving Skill and Student's Mathematics Anxiety Level</b> Fatya Azizah, Hartono Universitas Negeri Yogyakarta	Theodora Yunita Mekaria
ME-58	<b>Students' Behaviors in Solving Geometry Problems Based on Personality Type</b> Dian Saraswati Wisnu Ananti Universitas Negeri Surabaya	
ME-59	<b>The Instruments Development of Cooperative Learning Model Type Murder With Ctl Approach To Improve Mathematics Learning Achievement</b> Nunung Fajar Kusuma Universitas Sebelas Maret	

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 1: 08.00 - 09.30 AM

ROOM : SUNFLOWER

CODE	TITLE	MODERATOR
ME-60	<b>The Effect of Problem Based Learning (PBL) on Mathematics Communication Ability and Curiosity</b> Wahyu Berti Rahmantiwi, R.Rosnawati Yogyakarta State University	Eva Dwi Minarti
ME-61	<b>Implication Of Numbered Head Together (NHT) Models on Results of Learning Mathematics in Students Class IV SDN 10 Sungai Sapih Kuranji Padang City</b> Ira Rahmayuni Jusar Universitas Bung Hatta	
ME-62	<b>The Effect of Online Exercise towards the Junior High School Students' Mathematics Achievement</b> I Gusti Putu Sudiarta Ganesha University of Education	
ME-63	<b>Mathematical Thinking Ability in Solving Mathematics Problems Consider Cognitive Styles of Field Independent And Field Dependent</b> Eva Dwi Minarti, Ratni Purwasih, Ratna Sariningsih IKIP Siliwangi	Wahyu Berti Rahmantiwi
ME-64	<b>Learning Motivation on Mathematics of Homeschooling Students</b> Bayu Adhiwibowo, Heri Retnawati Universitas Negeri Yogyakarta	
ME-65	<b>What is The Urgency of Students' Mathematical Literacy, Reasoning, and Metacognition Skill Analyzing?</b> Yustine Maulina, Heri Retnawati UniversitasNegeri Yogyakarta	

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 1: 08.00 - 09.30 AM

ROOM : LOTUS

CODE	TITLE	MODERATOR
ME-66	<b>The Difference of Mathematics Teachers' Content Competence in Indonesia</b> Rahayu Pratiwi, Jailani Yogyakarta State University	Syarifah Fadillah
ME-67	<b>Portrait Increases Reflective Thinking Ability And Self-Efficacy Students</b> Mega Kusuma Listyotami Universitas Lampung	
ME-68	<b>Design of Mathematical Worksheet for Computer Based Learning in According to Guided Discovery and Character Education</b> WiduriAsmaranti, Sri Andayani Universitas Negeri Yogyakarta	
ME-69	<b>Overcoming Students' Misconceptions in Addition And Subtraction Of Integer Through Development of Refutation Text Learning Media</b> Syarifah Fadillah IKIP PGRI Pontianak	Rahayu Pratiwi
ME-70	<b>Teaching Materials Based Development of Art Traditional Geometri Kasab Aceh</b> Ariyani Muljo Mathematics Education Producer, State Institute of Islamic Affairs (IAIN) Zawiyah Cot Kala Langsa	
ME-71	<b>The Development of Student Worksheet Based on Realistic Mathematics Education on the Circle</b> Windi Agustiar Basuki, Ariyadi Wijaya Yogyakarta State University	

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ROOM : TULIP

<b>CODE</b>	<b>TITLE</b>	<b>MODERATOR</b>
ME-72	<b>Ethnomatematics in Traditional Wayang Performance in Surakarta as a Source of Mathematics Learning in Junior High School</b> Della Narulita Sebelas Maret University	Kartika Nur Oktaviani
ME-73	<b>Game Based Learning in Math Problem Solving: Is It Effective?</b> Loviga Denny Pratama, Wahyu Setyaningrum Yogyakarta State University	
ME-74	<b>Students' Skills in Teaching Statistics on the Simulation Process of High School Mathematics Learning Course</b> Maria Suci Apriani Sanata Dharma University	
ME-75	<b>Faded-Examples for Learning Contextual Mathematics Problem Solving Skills</b> Kartika Nur Oktaviani Yogyakarta State University	Della Narulita
ME-76	<b>Does Teacher Training Affect the Pedagogical Competence of Mathematics Teachers?</b> Fitri Ayu Ningtiyas, Jailani Yogyakarta State University	
ME-77	<b>PISA-Like Problem with Golf Context in ASIAN GAMES 2018</b> Dewi Rawani Sriwijaya University	

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ROOM : DAHLIA

<b>CODE</b>	<b>TITLE</b>	<b>MODERATOR</b>
ME-78	<b>Traditional Game-Based Learning Model Sitinjak in Find Concept of The Triangle Area</b> Dessy Rasihen Yogyakarta State University	Ika Dewi Fitria Maharani
ME-79	<b>The Development of Augmented Reality-Based Learning Media on The Material Space Geometry for Students of SMAN 6 Padang</b> Riska Amelia Bung Hatta University	
ME-80	<b>Students' Perceptions of Mathematics Mobile Blended Learning Using Smartphone</b> Anwar Rifa'i, Sugiman Mathematics Education Study Program, Graduate School, Yogyakarta State University	
ME-81	<b>Mathematics Diary: Alternative Tool Communication for Teacher and Students</b> Ika Dewi Fitria Maharani, Wahyu Setyaningrum Yogyakarta State University	Dessy Rasihen
ME-82	<b>The Design of Trigonometria Serious Game Based Guided Inquiry</b> Ade Sebelas Maret University	
ME-83	<b>Gender Differences in Motivation to Learn Math Using Role Play Game in Smartphone</b> Khomarudin Fahuzan, Rusgianto Heri Santosa Universitas Negeri Yogyakarta	

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 1: 08.00 - 09.30 AM

ROOM : ORCHID

<b>CODE</b>	<b>TITLE</b>	<b>MODERATOR</b>
ME-84	<b>The Effectiveness of Scientific Approach with Scaffolding through Interactive Media According to Mathematics Achievement</b> Nurfarahin Fani, R. Rosnawati Universitas Negeri Yogyakarta	Rhomiy Handican
ME-85	<b>Game-Based Edutainment Media Using Guided Discovery Approach: What teachers say ?</b> Riska Ayu Ardani Postgraduate Mathematics Education Program, Yogyakarta State University,	
ME-86	<b>Mobile Learning Application for Trigonometry</b> Anggit Prabowo Universitas Ahmad Dahlan	
ME-87	<b>Developing a Mobile Game Using Scientific Approach to Support Mathematics Learning</b> Rhomiy Handican, Wahyu Setyaningrum Yogyakarta State University	Nurfarahin Fani
ME-88	<b>Development of Mathematical Learning Materials with Constructivism Approach Using Mobile Learning System</b> Yusri Wahyuni Bung Hatta University	
ME-89	<b>The Effect of Edutainment Toward Students' Interest in Learning Mathematics</b> Wan Denny Pramana Putra, Wahyu Setyaningrum Yogyakarta State University	

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ROOM : MAGNOLIA

CODE	TITLE	MODERATOR
ME-90	<b>The Connection Commonalities in The Mathematical Content of Lesson Sequences</b> Rully Charitas Indra Prahmana Universitas Ahmad Dahlan, Yogyakarta	Putri Permata Sari
ME-91	<b>Teachers' perception on The Use of "Proof without Words (PWWs)" Visualization of Arithmetic Sequences</b> Angga Kristiyajati, Ariyadi Wijaya Program Pascasarjana Universitas Negeri Yogyakarta	
ME-92	<b>A Match or Mismatch between Learning and Teaching Styles in Mathematics Education, Does it Enhance Academic Achievement?</b> Sumandri Yogyakarta State University	
ME-93	<b>Cooperative Learning Model Using High Order Thinking Skills Questions: Increase Understanding of The Students in Geometry</b> Putri Permata Sari Sebelas Maret University	Rully Charitas Indra Prahmana
ME-94	<b>The Role of Student Belief about Mathematics towards Problem Solving and Critical Thinking Ability in Junior High School: A Literature Study</b> Ni Kadek Dianita Universitas Negeri Yogyakarta	
ME-95	<b>Students' Metacognition in Problem Solving of Trigonometric Identity in term of Learning Styles</b> M Muklis Universitas Negeri Surabaya	

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 1: 08.00 - 09.30 AM

ROOM : LILAC

<b>CODE</b>	<b>TITLE</b>	<b>MODERATOR</b>
ME-96	<b>Geometry Thinking Level of Slow Learners Based on Van Hiele Theory</b> Intan Permatasari Sebelas Maret University	Misnasanti
ME-97	<b>Game “STATIC”: Is It Interesting for Students?</b> Nilza Humaira Salsabila, Wahyu Setyaningrum Universitas Negeri Yogyakarta	
ME-98	<b>Problem Solving on The Linear Program</b> Lokana Firda Amrina, R. Rosnawati Yogyakarta State of University	
ME-99	<b>Van Hiele Thinking Level and Geometry Visual Skill Towards Field Dependent-Independent Students in Junior High School</b> Misnasanti, Ali Mahmudi Yogyakarta State University	Intan Permatasari
ME-100	<b>Modification of Polya’s Step to Solve Math Story Problem</b> Isfa Hayyulbathin Sebelas Maret University	
ME-101	<b>Learning to Think Mathematically through Reasoning and Problem Solving in Secondary School Mathematics: A Literature Review</b> Nanang Ade Putra Yaman Yogyakarta State University	



<b>SCHEDULE FOR PARALEL SESSION MATHEMATIC EDUCATION</b>
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**TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 2: 10.00 AM - 12.00 PM**

**ROOM : IRIS**

CODE	TITLE	MODERATOR
ME-102	<b>Using Group Investigation Learning Model in Mathematics Education Primary School</b> Nurul Hamidah Yogyakarta State University	Samad Rumalean
ME-103	<b>Profile Understanding Hearing Impairment Students at SMPLB in Plane Geometry Based Gender</b> Andi Husniati UNESA Surabaya	
ME-104	<b>Two Categorized of Students' Reasoning Behaviors for Solving Integer Comparisons Problems in Elementary School</b> Rahma Febriyanti Universitas Negeri Surabaya	
ME-105	<b>Analysis of Mathematical Ability of Mathematics Students as Candidate Of Teachers in Solving Mathematical Problem</b> Samad Rumalean Universitas Pattimura	Nurul Hamidah Machromah
ME-106	<b>Analysis of Mathematics Learning Process by Problem Based Learning</b> Febrian Nurdyani Universitas Pattimura	
ME-107	<b>The Effect of Application of Index Card Match Model on Student Learning Result In Learning Mathematics</b> Syafni Gustina Sari Universitas Bung Hatta	
ME-108	<b>Student's Mathematical Communication Ability After Applying Missouri Mathematics Project with Problem Solving Approach</b> Aprisal, Agus Maman Abadi Yogyakarta State University	Nurul Hamidah
ME-109	<b>Using Moodle to Improve Self-Directed Learning of Mathematics in Vocational School</b> BertuRiantoTakaendengan, RusgiantoHeriSantosa UniversitasNegeriYogakarta	

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 2: 10.00 AM - 12.00 PM

ROOM : SUNFLOWER

CODE	TITLE	MODERATOR
ME-110	<b>Designs Of Goal-Free Problems For Learning Central and Inscribed Angles</b> Irna K. S. Blegur, Endah Retnowati Universitas Negeri Yogyakarta	Nessy Pattimukay
ME-111	<b>Exploration of Ethno-mathematics Culture in Jambi Kota Seberang: Batik Motifs</b> Silvia Fitriani Universitas Batanghari	
ME-112	<b>Team Assisted Individualization to Improve Self Confidence of Student in Mathematics Learning</b> Resvita Febrima Department of Postgraduate Mathematics Education, Yogyakarta State University	
ME-113	<b>Pedagogical Content Knowledge: Knowledge of Pedagogy Prospective Elementary School Teacher For Fractional Concepts</b> Nessy Pattimukay Patimura University	SILVIA FITRIANI
ME-114	<b>Hypothetical Learning Trajectory: A Case of Statistical Thinking</b> Nurwanti Adi Rahayu Universitas Negeri Yogyakarta	
ME-115	<b>Mathematics Teachers' Beliefs and Its Contribution Toward Teaching Practice and Student Achievement</b> Brigita Wahyu Minarni, Heri Retnowati, Theresia Veni Tri Nugraheni Graduate Program of Mathematics Education, Yogyakarta State University, Yk; Mathematics Department, Faculty of Mathematics and Science, Yogyakarta State University, Yk; Alumnus of Graduate Mathematics Education ProgProgram, Yogyakarta State University, Yk	
ME-116	<b>Self-Determination in Mathematics Learning Process by Using Generative Multi – Representation Learning (GMRL) Model</b> Mhmd Habibi State Islamic Institute of Kerinci, Indonesia University of Education	Irna K. S. Blegur
ME-117	<b>Profile Students' Understanding on The Linear Equation and Inequalities in One Variable of Grade VIII Junior High School</b> A. Sri Mardiyanti Syam Yogyakarta State University	

CODE	TITLE	MODERATOR
ME-118	<b>Analysis of Student Mathematical Communication Skill in Finishing the Question of System Linear Equation Two Variable Using Problem Based Learning</b> Anisa Suba Utami Sanata Dharma University	Djamilah Bondan Widjajanti
ME-119	<b>The Influence of <i>MathLite</i> on Motivation and Mathematics Anxiety of IV Graders Elementary School</b> Yohana Setiawan Yogyakarta State University	
ME-120	<b>Development of Teaching Materials based on constructivism Theory to Improve Problem Solving and Mathematics Communication Skills of 5th Grade</b> Siska Dian Anggraeni Christiningrum Yogyakarta State University	
ME-121	<b>Influence of Discovery Learning Model with Aptitude Treatment Interaction Strategy on Student Mathematics Concept Understanding</b> Arny Hada Inda, Djamilah Bondan Widjajanti YOGYAKARTA STATE UNIVERSITY	Anisa Suba Utami
ME-122	<b>The Excellence of Guided Discovery Learning on Mathematical Knowledge-Based, Skill-Based, and Attitude</b> Rofi Amiyani, Djamilah Bondan Widjajanti Yogyakarta State University	
ME-123	<b>Mathematics Disposition of Vocational High School Students Viewed from Adversity Quotient</b> Muhammad Darmawan Dewanto Sebelas Maret University	
ME-124	<b>The Analysis of The Prospective Mathematics Teachers' Belief toward Mathematics, Mathematics Learning, and Teacher's Profession</b> Djamilah Bondan Widjajanti Yogyakarta State University	Muhammad Darmawan Dewanto
ME-125	<b>Analysis of Students' Self-Efficacy Towards Mathematics</b> Nur Dwi Laili Kurniawati, Wahyu Setyaningrum Yogyakarta State University	

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 2: 10.00 AM - 12.00 PM

ROOM : TULIP

CODE	TITLE	MODERATOR
ME-126	<b>Computers in Mathematics Learning : Training Mental Number Line to Increase Counting Ability</b> Sri Retnowati Universitas Negeri Surabaya	Raizal Rezky
ME-127	<b>PISA-Like Problems With Swimming Context</b> Eko Septiansyah Putra Sriwijaya University	
ME-128	<b>Student's Scheme in Solving Proportion Problem : A Case Study Of Difference Male and Female</b> Nining Setyaningsih, Dwi Juniati Universitas Negeri Surabaya	
ME-129	<b>Exploring the Statistical Reasoning Process of High School Students Viewed From Gender Differences (Case Study of Students with High Math Skills)</b> Rosidah Universitas Negeri Makassar	Sri Retnowati
ME-130	<b>The Effectiveness of E-learning Media with Guided Discovery Method from The Perspective of Student's Mathematics Problem Solving Skill</b> Ulfa Lu'luilmaknun Yogyakarta State University	
ME-131	<b>The Effects of the Use of the Child-Friendly Based Lift the Flap Story Book toward Students' Mathematical Connection Skill</b> Dwi Ardi Meylana Graduate Program of Primary Education, Yogyakarta State University	
ME-132	<b>Designing Hypothetical Learning Trajectory Based on Van Hiele Theory: A Case of Geometry</b> Raizal Rezky Yogyakarta State University	Rosidah
ME-133	<b>Identifying The Factors Affecting Students' Performances in Primary School Mathematics</b> Rully Charitas Indra Prahmana Universitas Ahmad Dahlan, Yogyakarta	

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 2: 10.00 AM - 12.00 PM

ROOM : DAHLIA

CODE	TITLE	MODERATOR
ME-134	<b>Characteristics of Effective Mathematics Teachers in Rural Areas</b> Sumiati, Jailani Yogyakarta State University, Indonesia	Bernadus Bin Frans Resi
ME-135	<b>The Role of Writing Justification in Mathematics Concept: The Case of Trigonometry</b> Yuliana Selfia Eko Universitas Pendidikan Indonesia	
ME-136	<b>The Proving Skill Profile of Prospective Math Teacher with High Math Ability and High Math Anxiety</b> Kristianus Viktor Pantaleon STKIP St. Paulus Ruteng	
ME-137	<b>Analysis of the Problem Solving Ability of VIII-A Student on Linear Equation System of Two Variables (LESTV)</b> Bernadus Bin Frans Resi Sanata Dharma University	Bagus Ardi Saputro
ME-138	<b>Analysis of Multiple Choice Questions (MCQs): Item and Test Statistics from an Assessment Mathematics in Senior High School</b> Mutiara Kusumawati, Samsul Hadi Yogyakarta State University	
ME-139	<b>Analysis of Students' Error in Proving Convergent Sequence</b> Edwin Kristianto Universitas Sebelas Maret	
ME-140	<b>Analysis of Students' Error on Quadratic Factoring</b> Bagus Ardi Saputro Universitas Pendidikan Indonesia	
ME-141	<b>Content Analysis of HOTS in Mathematics National Exam</b> Arung Mega Ratna, Heri Retnawati Yogyakarta State University	Sumiati

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 2: 10.00 AM - 12.00 PM

ROOM : ORCHID

CODE	TITLE	MODERATOR
ME-142	<b>The Development of Mathematics Learning Device with Metacognitive Approach Oriented to Mathematical Literacy and Mathematical Attitude of General High School</b> Rahmanita Syahdan, Agus Maman Abadi Yogyakarta State University	Erni Anitasari
ME-143	<b>An Analysis Experiential Learning on The Mathematical Critical Thinking Ability in Primary School</b> Hamdah Munawaroh Sebelas Maret University	
ME-144	<b>Bachelors of Mathematics Education Work as Non-Educator: Why is It Happen?</b> Sylviyani Hardiarti Graduate Program of Mathematics Education, Yogyakarta State University	
ME-145	<b>Problem Based Learning: Can Improve Ability of Literacy Mathematics and Student Emotional Intelligence?</b> Mega Puspita Sari Universitas Negeri Yogyakarta	Rahmanita Syahdan
ME-146	<b>Mathematical Connection Profile of Junior High School Students in Solving Mathematical Problems based on Gender Difference</b> Didik Sugeng Pambudi FKIP Universitas Jember	
ME-147	<b>Investigating Mathematical Literacy Skill, Mathematical Reasoning Skill, and Self Esteem of A Public High School</b> Gamarina Isti Ratnasari, Agus Maman Abadi Graduate Program of Mathematics Education, Yogyakarta State University	
ME-148	<b>The Motivation of Mathematics Teachers in Continuing Professional Development</b> Erni Anitasari, Heri Retnawati Yogyakarta State University	Mega Puspita Sari
ME-149	<b>Undergraduate Students' Conceptual Understanding on Abstract Algebra</b> Risnanosanti Universitas Muhammadiyah Bengkulu	

TUESDAY, 8 MAY 2018 / SESSION 2: 10.00 AM - 12.00 PM

ROOM : MAGNOLIA

CODE	TITLE	MODERATOR
ME-150	<b>Exploring Metacognitive Activity in Problem Solving Process of Male Prospective Teacher</b> Pathuddin Tadulako University	Dwi Laila Sulistiowati
ME-151	<b>Number Sense : The Result of Mathematical Experience</b> Maghfirah, Ali Mahmudi Universitas Negeri Yogyakarta	
ME-152	<b>Longitudinal Study Process Cognitive For Mathematics Education Students in Problem Solving Mathematics And Physics</b> Muh. Rizal & Jusman Mansyur Universitas Tadulako	
ME-153	<b>Students' Geometry Skills Viewed from Van Hiele Thinking Level</b> Dwi Laila Sulistiowati Universitas Pendidikan Indonesia	Muh. Rizal
ME_154	<b>Students' Cognitive Dissonance in Solving Non-Routine Perimeter Problem</b> Wisniarti Mathematics Education, Postgraduate Program, Yogyakarta State University	Dian Fitra
ME-155	<b>Pisa-Like Mathematics Task Using Weight-Lifting Context</b> Dian Fitra Sriwijaya University	
ME-156	<b>Lift The Flap Story Book Based Child-Friendly: An Innovative Literature in Primary School Mathematics Learning</b> Kurnia Darmawati Graduate School, Yogyakarta State University	
ME-157	<b>Mathematics Anxiety: Causes and the Effects on Student's Mathematics Achievement</b> Primaningtyas Nur Arifah, Djamilah Bondan Widjajanti Yogyakarta State University	

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 2: 10.00 AM - 12.00 PM

ROOM : LILAC

CODE	TITLE	MODERATOR
ME-158	<b>Understanding How Blind Students on Two Dimensional Shapes Based on Rigorous Mathematical Thinking</b> Andriyani Ahmad Dahlan University	Nira Arsoetar
ME-159	<b>Improving Mathematical Literacy of Problem Solving at The 5th Grade of Primary Students</b> Umi Zainiyah Pascasarjana UNY	
ME-160	<b>An Analysis of Teachers' Pedagogical Content Knowledge on Number Sense Learning of Early Childhood</b> Mery Noviyanti Indonesia Open University	
ME-32	<b>Improving Student Interaction in Mathematics Learning Using Problem Based Learning</b> Nira Arsoetar, Jailani Yogyakarta State University	Mery Noviyanti
ME-162	<b>Analysis of ARCS Model to Improve the Student's Learning Motivation of Mathematics in Primary School</b> Riska Widya Pratama Sebelas Maret University	
ME-163	<b>Implementation of Problem Based Learning in Terms of Student Mathematical Creative Thinking</b> Ardeniyansah, R. Rosnawati Yogyakarta State University	
ME-164	<b>Mathematics Education Students' Metaphorical Understanding of Mathematics Problem Solving</b> Ika Santia Pascasarjana Universitas Negeri Malang	Riska Widya Pratama
ME-165	<b>How to Teach Geometry Theorems Using Worked Examples: A Cognitive Load Theory Perspective</b> Hajarul Masi Hanifatur Rohman, Endah Retnowati Universitas Negeri Yogyakarta, Indonesia	



<b>SCHEDULE FOR PARALEL SESSION MATHEMATIC EDUCATION</b>
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**TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 3: 01.00 - 04.30 PM**

**ROOM : BALL ROOM I**

CODE	TITLE	MODERATOR
ME-166	<b>The Influence of Metacognition in Mathematical Problem Solving</b> Lihar Raudina Izzati Yogyakarta State University	Umi Nur Qomariyah
ME-167	<b>Experimental of STAD Cooperation Learning Model with Experiment Method Bases AFL in Solid Geometry</b> M. Nurudin SebelasMaret University	
ME-168	<b>The Effects Of Media Based on Open Ended Problem To Enchanced Creative Thinking Ability</b> Sri Hastuti Noer Mathetmatics Education Department Faculty of Teacher Training and Education – Lampung University	
ME-169	<b>Effect of Cooperative Learning Type STAD on Mathematics Learning Result of Student of SMP Negeri 7 Yogyakarta</b> AstriWahyuni, M.Pd Universitas Islam Riau	Sri Hastuti Noer
ME-170	<b>Analysis of the Mathematical Communication Ability of Grade X Student on The Logarithmic Functions</b> Archangelia Maria Lelu Sanata Dharma University	
ME-171	<b>Online Measurement To Assess An Problem Solving Skills Based On Multimedia Instrument</b> Lina & Martalia Ardiyaningrum Yogyakarta State University	
ME-172	<b>Analysis Student’s Reflective Thinking Ability in Solving Mathematics Problem</b> Eni Kartika universitas lampung	Archangelia Maria Lelu
ME-173	<b>Relationship between The Ability of Mathematical Reasoning and Emotional Quotient (EQ) Students Secondary School</b> Helva Elentriana, Dr Hartono Yogyakarta State University	
ME-174	<b>The Process Of Thinking Statistically In Solving The Statistics Problems Based On Cognitive Style</b> Umi Nur Qomariyah Mahasiswa S3 Universitas Negeri Surabaya	
ME-175	<b>Analysis of Students’ Higher Order Thinking Skills in Solving The Contextual Problem</b> Tea Tasia Wiwin	Helva Elentriana
ME-176	<b>Analysis of Mathematics Learning Process by Problem Based Learning</b> Febrian Nurdyani Universitas Sebelas Maret	

<b>CODE</b>	<b>TITLE</b>	<b>MODERATOR</b>
ME-177	<b>Students' Fraction Magnitude Knowledge in Solving Equation Word Problems</b> Ijtihadi Kamilia Amalina Universitas Negeri Surabaya, Indonesia	Lili Riskiningtyas
ME-178	<b>Developing of High School Mathematics Enrichment Book to Facilitate Problem Solving Ability</b> Rahayu Malini Pradyumnati Universitas Negeri Yogyakarta, Indonesia	
ME-179	<b>Characteristics of Algebraic Thinking of Junior High School Students</b> Dwi Inayah Rahmawati Universitas Pendidikan Indonesia	
ME-180	<b>Should We Diagnose Difficulty Connections, Reasoning and Mathematical Proof to High School Students?</b> Tari Indriani Universitas Negeri Yogyakarta, Indonesia	Dwi Inayah Rahmawati
ME-181	<b>Assimilation and Accommodation Processes in Improving Mathematical Creative Thinking With Scaffolding According to Learning Style</b> Wahyudi Universitas Kristen Satya Wacana, Indonesia	
ME-182	<b>The Use of TAPPS in Mathematics Learning: Is It Good or Not?</b> Ahmad Wafa Nizami Universitas Negeri Yogyakarta, Indonesia	
ME-183	<b>Cognition Processes of Student with Low Functioning Autism in Solving Mathematical Problems</b> Nur Fauziyah Universitas Muhammadiyah Gresik, Indonesia	Ahmad Wafa Nizami
ME-184	<b>An Analysis of Students' Error In Solving Abstract Algebra Tasks</b> Nina Agustyaningrum Universitas Riau Kepulauan	
ME-185	<b>Student's Mathematic Problem Solving Skills Viewed from Self-efficacy</b> Lili Riskiningtyas Yogyakarta State University	
ME-186	<b>The Analysis of Students' Thinking for Multiplication Rule Material</b> Yustina Mogi	Nina Agustyaningrum
ME-187	<b>A Study on The Junior High School Students' Spatial Ability in Mojokerto</b> Rizky Oktaviana Eko Putri Universitas Islam Majapahit	

CODE	TITLE	MODERATOR
ME-188	<b>Analysis of Junior High School Students' Errors in Solving HOTS Geometry Problems based on Newman's Error Analysis</b> Ema Priyawati Universitas Sebelas Maret, Indonesia	Arista Wibowo
ME-189	<b>Analysis Characteristic of Diagnostic Instrument to Measure Error of Mathematics Problem Solving based on Politomus</b> Muhamad Arfan Septiawan Universitas Negeri Yogyakarta, Indonesia	
ME-190	<b>Analysis of Students Difficulties on Algebra Based on the Classification of SOLO Taxonomy</b> Putri Rahayu S, Agus Maman Abadi Graduate Program Of Mathematics Education Yogyakarta State University , Indonesia	
ME-191	<b>Improving Mathematical Literacy with Cognitive Load Theory-based Learning</b> Andes Safarandes Asmara Universitas Buana Perjuangan Karawang	Putri Rahayu S
ME-192	<b>Need Assessment Device Development of Measurement Test of Connection and Mathematics Representation of Class XI</b> Sofi Saifiyah Yogyakarta State University	
ME-193	<b>A Two-Tier Diagnostic Test Instrument on Calculus Material: What, Why, and How?</b> Asma' Khyarunnisa', Heri Retnawati Mathematics Education, Postgraduate Program, Yogyakarta State Univesity	
ME-194	<b>Analysis and Evaluation of Decision-Making Factors Prospective Students Choose Department of Statistics (Case study on Student of Statistics Department UII Acceptance year 2015 – 2017)</b> Asmadhini Universitas Islam Indonesia, Indonesia	Asma' Khyarunnisa'
ME-195	<b>CIPP Evaluation Model toward mathematics learning in Program Kejar Paket C</b> Subar Junanto Yogyakarta State University	
ME-196	<b>Mathematical Representation: The Roles, Challenges, and Implication on Instruction</b> Auliaul Fitrah Samsuddin, Heri Retnawati Yogyakarta State University	
ME-197	<b>Analysis of The Students' Difficulties in Linear Programming Problems Viewed from Mathematical Resilience</b> Arista Wibowo Sebelas Maret University	Auliaul Fitrah Samsuddin
ME-198	<b>PISA-Like Mathematics Problems Using Road Cycling Context in Asian Games</b> Levana Maharani Universitas Sriwijaya Palembang	

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 3: 01.00 - 04.30 PM

ROOM : ROSE

CODE	TITLE	MODERATOR
ME-199	<b>Investigating Vocational School Students' Difficulties in Solving Basic Mathematics Problems as Their Prior Knowledge</b> Irham Baskoro, Wahyu Setyaningrum Universitas Negeri Yogyakarta	Hanifah Latifah Hadiat
ME-200	<b>Student's Strategy Analyzed in Solving Linear-Quadratic Equations System Through Realistic Mathematics Education Approach in Grade 10<sup>th</sup></b> Stefanus Surya Osada Sanata Dharma University	
ME-201	<b>Analysis of Student's Problem-solving Results Presented in Writing Based on Polya's Theory</b> Rut Herlina Parastuti Universitas Sebelas Maret	
ME-202	<b>Urgency of Higher Order Thinking Skills (HOTS) Content Analysis in Mathematics Textbook</b> Gina Sasmita Pratama, Heri Retnawati Yogyakarta State University Graduate Program	Rut Herlina Parastuti
ME-203	<b>Developing an Assessment Instrument of Higher Order Thinking Skills (HOTS) in Mathematics for Junior High School: "Contents Validity"</b> Syaifulloh Bakhri, R.Rosnawati Yogyakarta State University	
ME-204	<b>Spatial Visualization in Visual Thinking of Polyhedron Materials Viewed from Mathematical Ability</b> Jaka Fadlin Universitas Negeri Surabaya	
ME-205	<b>Using Bar Model to Solve Word Problems on Profit, Loss, and Discount</b> Rully Charitas Indra Prahmana Universitas Ahmad Dahlan, Yogyakarta	Jaka Fadlin
ME-206	<b>Analyzing Student's Ways of Thinking on Fraction Estimation: A Case of Student from Rural Area</b> Trisno Ikhwanudin Universitas Pendidikan Indonesia	
ME-207	<b>The Implementation of Case-based Learning Viewed from Mathematical Connection Ability</b> Erlinda Rahma Dewi, Marsigit Yogyakarta State University	
ME-208	<b>Analysis of Metacognitive Skill of Undergraduate Students in Solving Math Problems</b> Faliqul Jannah Firdausi Universitas Pendidikan Indonesia	Erlinda Rahma Dewi
ME-209	<b>The relation between curiosity, self-efficacy and Student' mathematical reasoning ability</b> Hanifah Latifah Hadiat Yogyakarta State University	

TUESDAY, 8<sup>th</sup> MAY 2018 / SESSION 3: 01.00 - 04.30 PM

ROOM : LILAC

CODE	TITLE	MODERATOR
ME-210	<b>The Development of Reasoning and Proofing Questions in High School Mathematics (A Need Assessment)</b> Arina Husna Zaini Yogyakarta State University	Yusrina Wardani
ME-211	<b>Smart Solution as Innovation in Mathematical Problems</b> Samsul Hadi Universitas Pendidikan Indonesia	
ME-212	<b>Implementation of Guided Inquiry Learning to Improve the Collaborative Skills of Mathematics</b> Syahlan Romadon, Ali Mahmudi Yogyakarta State University	
ME-214	<b>Evaluation of Reflective Thinking Mathematical Student</b> Indah Putri Ratnasari University of Lampung	
ME-215	<b>Mathematical Modelling Skills on Solving PISA Problems</b> Sahala Martua Ambarita Sriwijaya University	
ME-216	<b>Mathematical Representation Skills on Solving Trigonometry Problems</b> Dita Nur Syarafina, Ali Mahmudi Yogyakarta State University	Sahala Martua Ambarita
ME-217	<b>The Analysis of Mathematical Understanding Ability on Derivatives Definition for Mathematics Education Students</b> Chintya Kurniawati Sanata Dharma University	
ME-218	<b>Students' Error of Mathematics Problem-Solving in Ratio and Scale Material</b> Annisa Eprila Fauziah Universitas Negeri Yogyakarta	
ME-219	<b>The Analysis of Vocational High School Mathematics Teachers' Obstacles in the Kurikulum 2013 Implementation</b> Yusrina Wardani, Wahyu Setyaningrum Universitas Negeri Yogyakarta	Annisa Eprila Fauziah
ME-220	<b>Relationship between Undergraduate Students Self-Concept and Their Mathematics Procedural Knowledge</b> Muhammad Win Afgani State Islamic University of Raden Fatah	
ME-221	<b>Development of Multimedia Learning Based on Contextual Approach on Triangles and Quadrilaterals</b> Doni Setiyo Ardiyanto and Ali Mahmudi Yogyakarta State University	

CODE	TITLE	MODERATOR
ME-222	<b>A Semiotic Profile of Formal Operational Student's in Pattern Generalization</b> Mu'jizatin Fadiana Universitas PGRI Ronggolawe Tuban	Ibnu Rafi
ME-223	<b>Algebraic Skills on Solving PISA Problems</b> Luthfiah Asri Universitas Sriwijaya	
ME-224	<b>Students' Error in Derivatives of Functions Concept</b> Arum Dahlia Mufidah Universitas Pendidikan Indonesia	
ME-225	<b>The Teachers' Ability in Mathematical Literacy on The PISA Adaptation Test</b> Hongki Julie, Febi Sanjaya, Antonius Yudhi Anggoro, dan Marcelinus Andy Rudhito Sanata Dharma University	Arum Dahlia Mufidah
ME-226	<b>The Students' and Teacher Reflection for Introduction Probability Theory Course at 2016</b> Hongki Julie Sanata Dharma University	
ME-227	<b>Analysis of Students' Mathematical Representation Ability in Terms of Self Regulated Learning</b> Noor Hidayati Sebelas Maret University	
ME-228	<b>Algebra Problems of PISA Type in Mathematics Textbook Revised 2016</b> Amalia Agustina Sriwijaya University	Hongki Julie
ME-229	<b>Difficulties Of Grade V Elementary School on Mathematics Learning</b> Mitayuansiya Dyahnisita Nurani Sebelas Maret University	
ME-230	<b>Analyzing the Extraneous Cognitive Load of a 7<sup>th</sup> Grader Mathematics Textbook</b> Arifta Nurjanah, Endah Retnowati Universitas Negeri Yogyakarta	
ME-231	<b>What are the Common Errors Made by Students in Solving Logarithm Problems?</b> Ibnu Rafi, Heri Retnawati Yogyakarta State University	Arifta Nurjanah
ME-232	<b>PISA Like Mathematics Problem: A Case of Soccer Context</b> Arvin Efriani Sriwijaya University	
ME-233	<b>Improving the Ability of Mathematical Reasoning and Communication Student of Vocational High School</b> Difia Esa Bunga <sup>1, a)</sup> and Ariyadi Wijaya <sup>2</sup> Graduate Program of Mathematics Education, Yogyakarta State University	

**SCHEDULE FOR PARALEL SESSION MATHEMATICS**

**MONDAY, 07 MAY 2018 / 01.00- 03.00 PM**

**ROOM : PRIME**

CODE	TITLE	MODERATOR
M1	<b>Lognormal Distribution on Stochastic Dominance for Investment Management</b> Isnandar Slamet Universitas Sebelas Maret	Muhamad Rifki Taufik
M2	<b>Analytic Solution of a Stochastic Richards Equation driven by Brownian Motion</b> Herry Pribawanto Suryawan Sanata Dharma University	
M3	<b>Detection Indonesia Financial Crisis Based on Deposit Interest Rate and Dollar Exchange Rate Indicators</b> Intan Mia Asmidar Sebelas Maret University	
M4	<b>Comparison Method of Polynomial Interpolation Lagrange With Newton Gregory Forward to Predict The Price of The Stock</b> F. Anthon Pangruruk Universitas Matana	Herry Pribawanto Suryawan
M5	<b>European Option Pricing by Using the Mixed Fractional Brownian Motion</b> Chatarina Enny Murwaningtyas Sanata Dharma University	
M6	<b>The Binary Logistic Regression for Index Numbers of Monthly Stock Price</b> Mutijah IAIN Purwokerto	
M7	<b>Predicting TB Death Using Logistics Regression and Decision Tree on VA Data</b> Muhamad Rifki Taufik Prince of Songkhla University	F. Anthon Pangruruk
M8	<b>Treatment Success Predictors of Tuberculosis-Diabetes Mellitus Patients in the Northern Region of Malaysia</b> Asmahani Nayan Universiti Teknologi MARA (UiTM) Kedah	

MONDAY, 07 MAY 2018 / 03.00- 05.00 PM

ROOM : PRIME

CODE	TITLE	MODERATOR
M9	<b>Modeling The Number of Infant Mortality in East Java Using Hierarchical Bayesian Approach</b> Prizka Rismawati Arum Institut Teknologi Sepuluh Nopember (ITS)	Asri Rizza Umami
M10	<b>Parameter Estimation using INLA: Disease Mapping of Leptospirosis in Bantul Indonesia</b> Rudianto Artiono The State University of Surabaya	
M11	<b>Preliminary Study of Zakat Criteria to Enhance Existing Zakat Distribution Methods using 1000Minds</b> Noor Hafizah Binti Zainal Aznam Universiti Teknologi Mara (UiTM) Kedah	
M12	<b>Semiparametric Bivariate Probit Model in Data Working Mother Status and Exclusive Breastfeeding</b> Asri Rizza Umami Institut Teknologi Sepuluh Nopember	Triastuti Wuryandari
M13	<b>Identifying Dynamic Changes in Megathrust Segmentation via Poisson Mixture Model</b> Jose Rizal Bandung Institute of Technology	
M14	<b>The Real Outlet Mathematical Model of Coaxial Vacuum Tube Solar Collector on Ethanol Distillation</b> Sutomo Universitas Merdeka Madiun	
M15	<b>Survival Analysis on The Duration Birth Process Using Additive Hazard Models</b> Triastuti Wuryandari Universitas Diponegoro Semarang	Prizka Rismawati Arum
M16	<b>Claim Reserving Estimation for BPJS Using Archimedean Copula</b> Yuciana Wilandari Universitas Diponegoro Semarang	



MONDAY, 07 MAY 2018 / 01.00- 03.00 PM

ROOM : ROSE

CODE	TITLE	MODERATOR
M17	<b>Identification of Metabolic Pathway from Time Series Data of Metabolic Concentration Using Granger Causality Method</b> Rustam Institut Teknologi Bandung	Seli Siti Sholihat
M18	<b>Standard Growth Chart for Weight of Children in East Java Using Local Linear Estimator</b> Nur Chamidah, Anggita Rizky Fadilah Airlangga University	
M19	<b>Simulation Study to Evaluate Parameter Estimation Methods for Spatial Vector Autoregressive Model with Calendar Variation</b> Eni Sumarminingsih University of Brawijaya	
M20	<b>Choosing Initial Hyper-parameter Based on Simple Feature Data for Gaussian Process Time Series State Space Models</b> Seli Siti Sholihat Institut Tehnologi Bandung	
M21	<b>Designing Children Growth Charts in Lamongan Based on Height and Body Mass Index for Age Using Biresponse Truncated Spline Estimator</b> Nur Chamidah, Ami Andayani Airlangga University	Rustam
M22	<b>The Estimation of Binary Nonparametric Regression Model based on The Kernel Estimator by Generalized Additive Models Method</b> Marisa Rifada Universitas Airlangga	
M23	<b>Estimation of Regression Function in Multi-Response Nonparametric Regression Model Using Smoothing Spline And Kernel Estimators</b> Budi Lestari Airlangga University	
M63	<b>Orthogonal Iteration Process of Jackknifed Ridge Regression Coefficient Parameter Estimator</b> Georgina Maria Tinungki Hasanuddin University	

MONDAY, 07 MAY 2018 / 03.00- 05.00 PM

ROOM : ROSE

CODE	TITLE	MODERATOR
M24	<b>Regular Perturbation of Inviscid Burger Equation in a Traffic Flow Problem</b> Hartono Yogyakarta State University	Fitriana Yuli Saptaningtyas
M25	<b>Position Estimation of ITSUNUSA AUV Based on Determined Trajectory using Kalman Filter (KF)</b> Teguh Herlambang Nahdlatul Ulama Surabaya University	
M26	<b>The Stability Analysis of Predator-prey Models with Biotic Environmental Effect</b> Abadi Universitas Negeri Surabaya	
M27	<b>A Mathematical Model of Influenza Spread of Two Strains with Cross Immunity</b> Hilda Fahlana Institut Teknologi Bandung	Isnandar Slamet
M28	<b>Preliminary Results: Simple Model of Evolutionary Dynamic on Insecticide Resistance in Mosquitoes</b> Dani Suandi Institut Teknologi Bandung	
M29	<b>Finite Volume Method with Explicit Scheme Technique For Solving Heat Equation</b> Fitriana Yuli Saptaningtyas Yogyakarta State University	
M30	<b>The Norwegian Traffic Light Models and Its Modifications Using The Basic Petri Net</b> Tomi Tristono Universitas Merdeka Madiun	Abadi
M31	<b>Lattice Path Approach of Incomplete Busy Period of M/C2b/1 Queues</b> Isnandar Slamet Universitas Sebelas Maret	

MONDAY, 07 MAY 2018 / 01.00- 03.00 PM

ROOM : LILAC

CODE	TITLE	MODERATOR
M32	<b>The Total Edge Irregularity Strength of Uniform Theta Graphs</b> Yeni Susanti Universitas Gadjah Mada	Dita Anies Munawwaroh
M33	<b>On Non-Isolated Resolving Set of Corona Graphs</b> Wahyuni Abidin Institut Teknologi Bandung	
M34	<b>Total Edge Irregularity Strength of Book Graphs of Several Types</b> Lucia Ratnasari Universitas Gadjah Mada	
M35	<b>LQR Control in Multi-Source Connection-Oriented Data Transmission Networks</b> Dita Anies Munawwaroh Diponegoro University	Lathif Al Rasyid
M36	<b>The Control Design on Non-Minimum Phase Nonlinear Systems with Relative Degree Two</b> Ahmadin Bandung Institute of Technology	Lathif Al Rasyid
M37	<b>Study Ethnomathematics: Classification of Geometrical Aspects of Traditional Timor Woven Fabrics by Ornamental Groups</b> Erina Widiani Bandung Institute of Technology	
M38	<b>Review on Clustering Algorithms Based on Data Type: Towards the Method for Data Combined of Numeric-Fuzzy Linguistics</b> Lathif Al Rasyid, Sri Andayani Yogyakarta State University	Ahmadin
M39	<b>Construction of Fuzzy Inference Model to Predict Percentage of Poor Population in Indonesia</b> Ressy Rustanuarsi, Agus Maman Abadi Yogyakarta State University	Ahmadin

MONDAY, 07 MAY 2018 / 03.00- 05.00 PM

ROOM : LILAC

CODE	TITLE	MODERATOR
M40	<b>n-Normed Spaces with Norms of Its Quotient Spaces</b> Harmanus Batkunde Institut Teknologi Bandung	Nikken Prima Puspita
M41	<b>A Sequence Convergence of 1-Dimensional Subspaces in a Normed Space</b> Manuharawati Universitas Negeri Surabaya	
M42	<b>Complete Stabilizability and Stability Radius of Time-Varying Sturm-Liouville Systems</b> Sutrima Universitas Sebelas Maret	
M43	<b>On the Inclusion Between Weak Lebesgue Spaces and Stummel Classes</b> Nicky Kurnia Tumulun Bandung Institute of Technology	Na'imah Hijriati
M44	<b>Some Properties of Coideal over Coalgebras and Coideal over Corings</b> Nikken Prima Puspita Gadjah Mada University	
M45	<b>A Generalization of Basis and Free Module Relative to a Family U of R-modules</b> Fitriani Gadjah Mada University	
M46	<b>Injectivity and Projectivity Properties of The Category of Representation Modules of Rings</b> Na'imah Hijriati Gadjah Mada University	Fitriani
M47	<b>Solvability Group From Kronecker Product on The Representation of Quaternion Group</b> Yanita Andalas University	

TUESDAY, 08 MAY 2018 / 10.00 AM - 12.00 PM

ROOM : PRIME

CODE	TITLE	MODERATOR
M48	<b>GSTARIX Model For Forecasting Spatio-Temporal Data With Trend, Seasonal, and Intervention</b> Muhammad Aniq Novianto Institut Teknologi Sepuluh Nopember Surabaya	Dewi Retno Sari Saputro
M49	<b>Gumbel Distribution and Its Parameter Estimation Using Quasi-Newton Broyden Fletcher Goldfarb Shanno (BFGS)</b> Dewi Retno Sari Saputro Universitas Sebelas Maret	
M50	<b>ARIMAX, FFNN, And Hybrid ARIMAX-FFNN Methods For Forecasting Pertamax</b> Uzlifatus Syarifah Institut Teknologi Sepuluh Nopember (ITS)	
M51	<b>Parameter Estimation of Bayesian Multivariate Regression Model with Informative Prior Distribution: Multivariate Normal and Inverse Wishart</b> Dewi Retno Sari Saputro Universitas Sebelas Maret	Muhammad Aniq Novianto
M52	<b>On the Class of Infinitely Divisible Exponential Distribution</b> Dodi Devianto Andalas University	
M53	<b>The Effect of Different Sampling Methods For Imbalanced Datasets in Bankruptcy Prediction Model</b> Amirah Hazwani Abdul Rahim Universiti Teknologi Mara (UiTM) Kedah	
M54	<b>On the Characteristic Function Property of Riemann Zeta Distribution</b> Dodi Devianto Andalas University	

TUESDAY, 08 MAY 2018 / 10.00 AM - 12.00 PM

ROOM : ROSE

CODE	TITLE	MODERATOR
M55	<b>A New Approach in Decision of Pareto Efficient Concept in Probabilistic Vendor – Buyer Supply-Chain Problem for Imperfect Quality with Lead-Free Demand</b> Rubono Setiawan Sebelas Maret University	Dinita Rahmalia
M56	<b>Quadratic Programming Model to Solve Integrated Supplier Selection and Inventory Control</b> Dhia Ul Haq El Hakim Diponegoro Univerisity	
M57	<b>Application of Active-set Optimization Method to Solve Stochastic Optimization Problem of Supplier Selection and Inventory Control Problem</b> Sutrisno Diponegoro University	
M58	<b>Goal Programming on Production Planning Using Ant Colony Optimization-Genetic Algorithm (ACOGA)</b> Dinita Rahmalia Universitas Islam Darul Ulum Lamongan	Tri Wijayanti Septiarini
M59	<b>Application of Nash Equilibrium to Determine Economic Order Quantity of Probabilistic Manufacturer-Retailer Supply Chain Model for Imperfect Quality</b> Rubono Setiawan Sebelas Maret University	
M60	<b>Determination of Adult Obesity Classification based on Fuzzy Logic</b> Yosepha Patricia Wua Laja Yogyakarta State University	
M61	<b>Investigating the Performance of ANFIS Model to Forecast the Hourly Temperature in Pattani, Thailand</b> Tri Wijayanti Septiarini Prince Of Songkla University	Rubono Setiawan
M62	<b>Optimization of Fuzzy Inference System Using Table Look-up Method to Predict White Sugar Price in International Market</b> Nur Azizah, Kurrotul A'yun, Tri Wijayanti Septiarini, Agus Maman Abadi Yogyakarta State University, Gadjah Mada university, Prince of Songkla University	

TUESDAY, 08 MAY 2018 / 01.00- 04.30 PM

ROOM : PRIME

CODE	TITLE	MODERATOR
M64	<b>Comparison of Two Weighting Functions in Geographically Weighted Zero-Inflated Poisson Regression on Filariasis Data</b> Luthfatul Amaliana, S.Si., M.Si. Brawijaya University	M. Fariz Fadillah Mardianto
M65	<b>Comparison of Accuracy between Neural Network and Regression Models in Forecasting</b> Hermansah Universitas Riau Kepulauan, Batam, Indonesia	
M66	<b>The Estimation of Nonparametric Regression for Longitudinal Data based on Fourier series Using Weighted Least Square</b> M. Fariz Fadillah Mardianto Universitas Airlangga	Luthfatul Amaliana, S.Si., M.Si.
M67	<b>Classical Paired T Test and Bayesian Paired T Test in Comparing Student Mental Emotion</b> Kartini Binti Kasim Universiti Teknologi MARA	
M68	<b>Hereditary Module Over Path Algebra of Graph that Contains Cycle</b> Delsi Kariman, Irawati and Intan Muchtadi-Alamsyah Algebra Research Group, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung	
M69	<b>Semimodules Whose Cyclic Subsemimodules Are Prime</b> Andi Muhammad Anwar , Irawati , and Garminia, H Department of Mathematics, Faculty of Mathematics and Natural Science, Bandung Institute of Technology	
M70	<b>Prime Module of Dynkin Graph Type <math>A_n</math> Over Path Algebra</b> RisnawitA, Irawati and Intan Muchtadi-Alamsyah Algebra Research Group, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung	Kartini Binti Kasim
M71	<b>On Discounted Linear Quadratic Optimization Subject to Differential Algebraic System Under Disturbance</b> Muhafzan Unand Padang	

# Map of East Park Hotel





