SCHEDULE FOR PARALEL SESSION
MATHEMATIC EDUCATION

MONDAY, 7th MAY 2018 / SESSION 1: 01.00 - 03.00 PM **ROOM: BALLROOM I**

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

MONDAY, 7th MAY 2018 / SESSION 1: 01.00 - 03.00 PM ROOM : BALLROOM II

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

MONDAY, 7th MAY 2018 / SESSION 1: 01.00 - 03.00 PM ROOM : IRIS

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

MONDAY, 7th MAY 2018 / SESSION 1: 01.00 - 03.00 PM ROOM : HIBISCUS

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

SCHEDULE FOR PARALLEL SESSION
MATHEMATIC EDUCATION

MONDAY, 7th MAY 2018 / SESSION 2: 03.00 - 05.00 PM ROOM : BALLROOM I

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

MONDAY, 7th MAY 2018 / SESSION 2: 03.00 - 05.00 PM ROOM : BALLROOM II

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

MONDAY, 7th MAY 2018 / SESSION 2: 03.00 - 05.00 PM ROOM : IRIS

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

MONDAY, 7th MAY 2018 / SESSION 2: 03.00 - 05.00 PM ROOM : HIBISCUS

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

SCHEDULE FOR PARALEL SESSION
MATHEMATIC EDUCATION

TUESDAY, 8th MAY 2018 / SESSION 1: 08.00 - 09.30 AM ROOM : IRIS

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

TUESDAY, 8th MAY 2018 / SESSION 1: 08.00 - 09.30 AM ROOM : SUNFLOWER

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

TUESDAY, 8th MAY 2018 / SESSION 1: 08.00 - 09.30 AM ROOM : LOTUS

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

TUESDAY, 8th MAY 2018 / SESSION 1: 08.00 - 09.30 AM ROOM : TULIP

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

TUESDAY, 8th MAY 2018 / SESSION 1: 08.00 - 09.30 AM ROOM : DAHLIA

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

TUESDAY, 8th MAY 2018 / SESSION 1: 08.00 - 09.30 AM ROOM : ORCHID

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

TUESDAY, 8th MAY 2018 / SESSION 1: 08.00 - 09.30 AM ROOM : MAGNOLIA

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

TUESDAY, 8th MAY 2018 / SESSION 1: 08.00 - 09.30 AM ROOM : LILAC

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

SCHEDULE FOR PARALEL SESSION
MATHEMATIC EDUCATION

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

SCHEDULE FOR PARALEL SESSION
MATHEMATIC EDUCATION

TUESDAY, 8th MAY 2018 / SESSION 3: 01.00 - 04.30 PM ROOM : BALL ROOM I

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

TUESDAY, 8th MAY 2018 / SESSION 3: 01.00 - 04.30 PM ROOM : BALL ROOM II

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

TUESDAY, 8th MAY 2018 / SESSION 3: 01.00 - 04.30 PM ROOM : IRIS

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

TUESDAY, 8th MAY 2018 / SESSION 3: 01.00 - 04.30 PM ROOM : ROSE

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

TUESDAY, 8th MAY 2018 / SESSION 3: 01.00 - 04.30 PM ROOM : LILAC

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

TUESDAY, 8th MAY 2018 / SESSION 3: 01.00 - 04.30 PM ROOM : HIBISCUS

CODE	TITLE	MODERATOR
ME-222	**A Semiotic Profile of Formal Operational Student's in Pattern Generalization** Mu'jizatin Fadiana Universitas PGRI Ronggolawe Tuban	Ibnu Rafi
ME-223	**Algebraic Skills on Solving PISA Problems** Luthfiah Asri Universitas Sriwijaya	
ME-224	**Students' Error in Derivatives of Functions Concept** Arum Dahlia Mufidah Universitas Pendidikan Indonesia	
ME-225	**The Teachers' Ability in Mathematical Literacy on The PISA Adaptation Test** Hongki Julie, Febi Sanjaya, Antonius Yudhi Anggoro, dan Marcelinus Andy Rudhito Sanata Dharma University	Arum Dahlia Mufidah
ME-226	**The Students' and Teacher Reflection for Introduction Probability Theory Course at 2016** Hongki Julie Sanata Dharma University	
ME-227	**Analysis of Students' Mathematical Representation Ability in Terms of Self Regulated Learning** Noor Hidayati Sebelas Maret University	
ME-228	**Algebra Problems of PISA Type in Mathematics Textbook Revised 2016** Amalia Agustina Sriwijaya University	Hongki Julie
ME-229	**Difficulties Of Grade V Elementary School on Mathematics Learning** Mitayuansiya Dyahnisita Nurani Sebelas Maret University	
ME-230	**Analyzing the Extraneous Cognitive Load of a 7th Grader Mathematics Textbook** Arifta Nurjanah, Endah Retnowati Universitas Negeri Yogyakarta	
ME-231	**What are the Common Errors Made by Students in Solving Logarithm Problems?** Ibnu Rafi, Heri Retnawati Yogyakarta State University	Arifta Nurjanah
ME-232	**PISA Like Mathematics Problem: A Case of Soccer Context** Arvin Efriani Sriwijaya University	
ME-233	**Improving the Ability of Mathematical Reasoning and Communication Student of Vocational High School** Difia Esa Bunga[1, a)] and Ariyadi Wijaya[2] 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	**Lognormal Distribution on Stochastic Dominance for Investment Management** Isnandar Slamet Universitas Sebelas Maret	Muhamad Rifki Taufik
M2	**Analytic Solution of a Stochastic Richards Equation driven by Brownian Motion** Herry Pribawanto Suryawan Sanata Dharma University	
M3	**Detection Indonesia Financial Crisis Based on Deposit Interest Rate and Dollar Exchange Rate Indicators** Intan Mia Asmidar Sebelas Maret University	
M4	**Comparison Method of Polynomial Interpolation Lagrange With Newton Gregory Forward to Predict The Price of The Stock** F. Anthon Pangruruk Universitas Matana	Herry Pribawanto Suryawan
M5	**European Option Pricing by Using the Mixed Fractional Brownian Motion** Chatarina Enny Murwaningtyas Sanata Dharma University	
M6	**The Binary Logistic Regression for Index Numbers of Monthly Stock Price** Mutijah IAIN Purwokerto	
M7	**Predicting TB Death Using Logistics Regression and Decision Tree on VA Data** Muhamad Rifki Taufik Prince of Songkhla University	F. Anthon Pangruruk
M8	**Treatment Success Predictors of Tuberculosis-Diabetes Mellitus Patients in the Northern Region of Malaysia** Asmahani Nayan Universiti Teknologi MARA (UiTM) Kedah	

MONDAY, 07 MAY 2018 / 03.00- 05.00 PM **ROOM : PRIME**

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

MONDAY, 07 MAY 2018 / 01.00- 03.00 PM **ROOM : ROSE**

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

MONDAY, 07 MAY 2018 / 03.00- 05.00 PM **ROOM : ROSE**

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

MONDAY, 07 MAY 2018 / 01.00- 03.00 PM **ROOM : LILAC**

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

MONDAY, 07 MAY 2018 / 03.00- 05.00 PM **ROOM : LILAC**

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

TUESDAY, 08 MAY 2018 / 10.00 AM - 12.00 PM **ROOM : PRIME**

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

TUESDAY, 08 MAY 2018 / 10.00 AM - 12.00 PM **ROOM : ROSE**

CODE	TITLE	MODERATOR
M55	**A New Approach in Decision of Pareto Efficient Concept in Probabilistic Vendor – Buyer Supply-Chain Problem for Imperfect Quality with Lead-Free Demand** Rubono Setiawan Sebelas Maret University	Dinita Rahmalia
M56	**Quadratic Programming Model to Solve Integrated Supplier Selection and Inventory Control** Dhia Ul Haq El Hakim Diponegoro Univerisity	
M57	**Application of Active-set Optimization Method to Solve Stochastic Optimization Problem of Supplier Selection and Inventory Control Problem** Sutrisno Diponegoro University	
M58	**Goal Programming on Production Planning Using Ant Colony Optimization-Genetic Algorithm (ACOGA)** Dinita Rahmalia Universitas Islam Darul Ulum Lamongan	Tri Wijayanti Septiarini
M59	**Application of Nash Equilibrium to Determine Economic Order Quantity of Probabilistic Manufacturer-Retailer Supply Chain Model for Imperfect Quality** Rubono Setiawan Sebelas Maret University	
M60	**Determination of Adult Obesity Classification based on Fuzzy Logic** Yosepha Patricia Wua Laja Yogyakarta State University	
M61	**Investigating the Performance of ANFIS Model to Forecast the Hourly Temperature in Pattani, Thailand** Tri Wijayanti Septiarini Prince Of Songkla University	Rubono Setiawan
M62	**Optimization of Fuzzy Inference System Using Table Look-up Method to Predict White Sugar Price in International Market** 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	**Comparison of Two Weighting Functions in Geographically Weighted Zero-Inflated Poisson Regression on Filariasis Data** Luthfatul Amaliana, S.Si., M.Si. Brawijaya University	M. Fariz Fadillah Mardianto
M65	**Comparison of Accuracy between Neural Network and Regression Models in Forecasting** Hermansah Universitas Riau Kepulauan, Batam, Indonesia	
M66	**The Estimation of Nonparametric Regression for Longitudinal Data based on Fourier series Using Weighted Least Square** M. Fariz Fadillah Mardianto Universitas Airlangga	Luthfatul Amaliana, S.Si., M.Si.
M67	**Classical Paired T Test and Bayesian Paired T Test in Comparing Student Mental Emotion** Kartini Binti Kasim Universiti Teknologi MARA	
M68	**Hereditary Module Over Path Algebra of Graph that Contains Cycle** Delsi Kariman, Irawati and Intan Muchtadi-Alamsyah Algebra Research Group, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung	
M69	**Semimodules Whose Cyclic Subsemimodules Are Prime** Andi Muhammad Anwar , Irawati , and Garminia, H Department of Mathematics, Faculty of Mathematics and Natural Science, Bandung Institute of Technology	Kartini Binti Kasim
M70	**Prime Module of Dynkin Graph Type A_n Over Path Algebra** RisnawitA, Irawati and Intan Muchtadi-Alamsyah Algebra Research Group, Faculty of Mathematics and Natural Sciences, Institut Teknologi Bandung	
M71	**On Discounted Linear Quadratic Optimization Subject to Differential Algebraic System Under Disturbance** Muhafzan Unand Padang	

Map of East Park Hotel