

CONFERENCE PROGRAM: DAY 1

| August 29, 2017 | | |
|------------------------|--|----------------------------------|
| 07.00 - 08.00 | Registration Open (sle Sekretariat) | Committee |
| 08.00 - 08.45 | <ul style="list-style-type: none"> ○ Opening ○ Tari Malangan ○ Recitation of Du'a ○ Event Report by Chairman of The 1st ICoMSE Organizing Committee ○ Opening Speech by Rector for Research and Innovation, UM | MC |
| 08.45 - 09.00 | Coffee Break | |
| 09.00 - 10.00 | Plenary Lecture 1 <u>Prof. Intan Ahmad, Ph.D</u> Dirjen Belmawa, RISTEK Ministry of Research, Technology, and Higher Education, Indonesia Theme: Higher Education Policy in Indonesia | Dr. A.R. As'ari, M.Pd., M.A. |
| | Plenary Lecture 2 <u>Prof. Oenardi Lawanto, Ph.D</u> Department of Engineering Education, College of Engineering, Utah State University, USA. Theme: Science, Technology, Engineering, Mathematics (STEM) Education | |
| 10.00 - 10.15 | Discussion | |
| 10.15 - 11.30 | Plenary Lecture 3 <u>Prof. Chokchai Yuenyong, Ph.D</u> Faculty of Education, Khon Kaen University, Thailand. Theme: Movement of Teacher Professional Development of STEM Education in Thailand | Prof. Dr. agr. M. Amin, M.Si. |
| | Plenary Lecture 4 <u>Prof. Dr. rer.nat. Gereon Elbers</u> Ecological Chemistry, Faculty Chemistry and Biotechnology, FH Aachen University of Applied Sciences, Germany Theme: Mass Spectrometry and Near Infrared Spectroscopy As Modern Tools For Sustainable Food Production, Agriculture and Trading | |
| 11.30 - 11.45 | Discussion | |
| 11.45 - 12.00 | Sponsorship Presentation | |
| 12.00 - 12.15 | Poster Presentation | MC |
| 12.15 - 13.00 | Lunch | |
| 13.00 - 15.00 | Parallel I | |
| 15.00 - 15.30 | Coffee Break | |
| 15.30 - 17.00 | Parallel II | Committee |

CONFERENCE PROGRAM: DAY 2

| August 30, 2017 | | |
|------------------------|---|-------------------------------------|
| 07.00 - 08.00 | Re- Registration | |
| 08.00 - 09.00 | Plenary Lecture 5 <u>Prof. Dr. Hadi Nur</u> Department of Chemistry, College of Engineering, Universiti Teknologi Malaysia, Malaysia. Theme: Advanced Materials and Heterogeneous Catalysis | Dr. Suharti M.S |
| | Plenary Lecture 6 <u>Prof. Akhmaloka, Dipl. Biotech., Ph.D.</u> Pertamina University and Department of Biochemistry Institut Teknologi Bandung, Indonesia <u>Theme:</u> The Role of Biochemistry in Indonesian's Development | |
| 09.00 - 09.15 | Discussion | |
| 09.15 - 09.30 | Coffee Break | MC |
| 09.30 - 10.30 | Plenary Lecture 7 <u>Prof. Dr. Duran Corebima</u> Department of Biology, State University of Malang, Indonesia. <u>Theme:</u> The Current Scientific Publication Policy in Indonesia | Nandang Mufti, S.Si, M.T., Ph.D. |
| | Plenary Lecture 8 <u>Prof. Drs. Purwanto, Ph.D</u> Department of Mathematics, State University of Malang, Indonesia <u>Theme:</u> Problem on Constructing Multiplicative Groups and Modular Arithmetic | |
| 10.30 - 10.45 | Discussion | |
| 10.45 - 12.00 | Parallel III | Committee |
| 12.00 - 13.00 | Lunch | |
| 13.00 - 15.00 | Parallel IV | |
| 15.00 - 15.30 | Coffee Break | |
| 15.30 - 16.30 | Parallel V | |
| 16.30 - 17.00 | Closing Ceremony | Dean FMIPA |

PARALLEL SESSION

Parallel 1

Tuesday, 29th August 2017

Room Cakrawala 01

Theme: Basic Mathematics

Chairperson: Tri Evi & Alif R. N. A.

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|---|
| 1 (13.00 – 13.35) | 12017090 | Ensemble Model Output Statistics For Short-Term Weather Forecasts | Ribka D. Narendra, Sutikno, Purhadi |
| | 12017123 | Derivations On Trellises | Davoud Ebady, Mohammad Hossein Sattari |
| | 12017130 | An Optimal Schedule For Toll Road Network Construction Based On Greedy Algorithm | Oki Saputra Jaya, Zuherman Rustam |
| | 12017131 | Face Recognition Using Svm With Fisher Score Selection Feature | Hafsha Shaliha M, Zuherman Rustam |
| 2 (13.40 – 14.15) | 12017189 | The Existence And Uniqueness Of Completion Of Complex Valued Metric Spaces | Dahliatul Hasanah |
| | 12017232 | Multiplicative Groups In Modular Arithmetic In Which Each Element Having Digits 1 Or 0 | Purwanto, Indriati Nurul Hidayah |
| | 12017260 | Implementing A Recurrence Relation Model For Finding The General Form Of A Special Integer Sequence Generated By Geometric Sequences With T Representing The First Term And P Representing The Ratio | Gatot Muhsetyo |
| | 12017319 | Multiplicative Groups In Modular Arithmetic In Which Each Element Having Digits 1 Or 0 | Indriati Nurul H, Purwanto |
| 3 (14.20 – 14.55) | 12017399 | Odd Star Decomposition Of Complete Bipartite Graph | Fryska Ayu W, Purwanto |
| | 12017530 | On Some Statistically Convergent Double Sequence Spaces In 2-Normed Spaces | Nur Khusnussaadah, Supama |
| | 32017037 | Characterization Of G(X)-Weakly Clean Rings | Sant Irawati |
| | 12017636 | Comparison Of Neighborhood Selection In Vnd Method For Solving Vrp | Darmawan Satyananda, Sapti Wahyuningsih |

Parallel 2
 Tuesday, 29th August 2017
 Room 1
 Theme: Applied Mathematics
 Chairperson: Tri Evi & Alif R. N. A.

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|---------------------|
| 1 (15.30 – 15.55) | 12017011 | The Application Of Multi-Class Support Vector Machine On Intrusion Detection System With The Feature Selection Using Information Gain | Jihan Maharani |
| | 12017017 | Prediction Of Disease-Resistant Gene In Rice Based On Support Vector Machine And Artificial Neural Network | Glori Sthepani S |
| | 12017037 | Solving Large Scale Systems Of Linear Equations With A Stabilized Lanczos-Type Algorithm Running On A Cloud Computing Platform | Maharani |
| 2 (16.00 – 16.25) | 12017038 | New Lanczos Formulae Types A13/B6 And A13/B10 For Solving Large Scale Of Linear Systems | Rifka Amelia |
| | 12017047 | Face Recognition For Enthusiasm Level Recognition Using Support Vector Machine And Principal Component Analysis | Andrea Laksmirani K |
| | 12017075 | Time-Dependent Infiltration From Periodic Circular Channels With Different Types Of Root-Water Uptake | Imam SolekHUDIN |
| 3 (16.30 – 16.55) | 12017273 | Improvement Of Cvrp And Mtvrp Solution Using Local Search Method And Its Implementation Using Google Map | Sapti Wahyuningsih |
| | 12017369 | Backward Bifurcation On Mathematical Model Of Syphilis | Solikhatun |
| | 12017610 | Fractional Differential Equation As A Models Of Newtonian Fluids For Stress And Strain Problems | Endang Rusyaman |

Parallel 3
 Wednesday, 30th August 2017
 Room 1
 Theme: Mathematics Education
 Chairperson: Tri Evi & Alif R. N. A.

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|--|
| 1 (10.45 – 11.20) | 12017283 | Problem Solving Differently Represents A Creativity | Sri Hariyani |
| | 12017039 | Problem Solving Behavior In Solving Derivative Problem: A Comparison Of Instrumental And Relational | Sebti Mardiana, Susiswo, Erry Hidayanto |
| | 12017045 | The Process Of Interconnection And Intraconnection In Mathematical Problem Solving Based On Stages Of Polya | Nurfaida Tasni, Elly Susanti , Toto Nusantara |
| | 12017213 | Sky Critical Thinking Skills Smp With High Level Mathematics Ability In Mathematical Problems Based On Polya And Gander | Agusman, Purwanto, Abdur Rahman As'Ari, Makbul Muksar |
| 2 (11.25 – 12.00) | 12017216 | Interaction Of Student Thinking In Solving Mathematical Problems | Syarifudin, Edy Bambang Irawan, Ummu Fikriyah |
| | 12017256 | How Do Mathematics Teacher Represents The Word Problem Solving In Mathematics Instruction? | Nurrahmawati, Cholis Sa'dijah, Sudirman, Makbul Muksar |
| | 12017307 | Student's Reflective Thinking In Problem Solving Based On Open Endedabout Plane Figure For Grade Vii Students | Flavia Aurelia Hidajat, Cholis Sa'dijah, Susiswo, Sudirman |
| | 12017326 | Integrated Contextual Teaching Learning Approach To Problem Based Learning Models In Learning Math | Vivi Astuti Nurlaily, Heribertus Soegiyanto, Budi Usodo |

Parallel 4
 Wednesday, 30th August 2017
 Room 1
 Theme: Mathematics Education
 Chairperson: Tri Evi & Alif R. N. A.

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|---|
| 1 (13.00 – 13.35) | 12017198 | Junior High School Students Estimation Strategies For Solving The Problem Of Measurement Viewed By Their Reflective And Impulsive Cognitive Style | Iyana Maulida, Agung Lukito, Abadi |
| | 12017199 | Cooperative Learning With React Strategy Aided By Cabri 3d Assistance To Train Students Mathematical Connection Ability On Prism | Husnul Khatimah Agung Lukito, Abadi |
| | 12017417 | Cognitive Inhibition: Middle School Student's Solving Arithmetic Word Problems With Different Cognitive Style | Zu'ma Wihdatul Qur'ani, Agung Lukito, Yusuf Fuad |
| | 12017432 | Profile Of Student's Mathematical Communication In Solving Mathematics Problems Based On The Kolb's Learning Style | Ratih Arniasih, Siti Maghfiratun Amin, Agung Lukito |
| 2 (13.40 – 14.15) | 12017479 | Students' Error Analysis In Solving The Math Word Problems Of High Order Thinking Skills (Hots) Type On Trigonometry Application | Muhammad Darmawan Dewanto, Rosaini |
| | 12017314 | Student's Mathematical Representation In Solving Quadrilaterals Problems Reviewed By Logical-Mathematical Intelligence | Rahmatia Badu, Agung Lukito, Abadi |
| | 12017254 | Analogical Reasoning In Solving Combinatorial Problems By Upper Secondary School Students Of Some Personality Type | Agustin Tika Maya, Siti Maghfirrotun Amin, Agung Lukito |
| | 32017033 | Analysis Of Critical Thinking Abilities In Solving Mathematical Problem Absolute Value Function For Prospective Teachers Department Of Mathematics Fmipa Um Malang | Slamet |
| 3 (14.20 – 14.55) | 12017155 | Identification Of Students' Representation Difficulties On Solving Fraction Problem | Syarifuddin |
| | 12017024 | Why Students Was Hard To Think Critically | Mohamad Aminudin, Toto Nusantara, I Nengah Parta, Swasono Rahardjo, Abdur Rahman As'ari, Subanji |

| Session (Time) | Id Paper | Title | Authors |
|----------------|----------|--|------------------------|
| | 12017222 | A Profile Of Spatial Ability Grade 8th Junior High School In Solving Non Routine Three-Dimensional Problem Base On The Differences Of Sex. | Vivi Kholifatul K |
| | 12017034 | Arguments In Critical Thinking Ability | Nonik Indrawatiningsih |

Parallel 5
 Wednesday, 30th August 2017
 Room 1
 Theme: Mathematics Education
 Chairperson: Tri Evi & Alif R. N. A.

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|--|
| 1 (15.30 – 15.55) | 12017180 | The Critical Thinking Profile Of Elementary School Students In Solving Math Word Problems In Terms Of Gender Differences | Silviana Diah Permatasari |
| | 12017201 | Error Analysis On Prospective Teacher In Solving The Problem Of Critical Thinking Mathematics | Ardi Dwi Susandi Cholis Sa'dijah Abdur Rahman As'ari Suliswo |
| | 12017249 | Critical Thinking Of Junior High School Students In Solving Algebra Problems Based On Self Efficacy | Nela Novita Anggraini Agung Lukito Rooselyna Ekawati |
| 2 (16.00 – 16.25) | 12017337 | The Significance Of Conceptual Understanding In Order To Critical Thinking | Rahaju Purwanto I Nengah Parta Swasono Rahardjo |
| | 12017472 | Creative Ideas Of Prospective Teacher In Mathematical Problem Solving In Terms Of Cognitive Style | Sri Rahayuningsih Toto Nusantara Abdur Rahman As'ari Hery Susanto |
| | 32017013 | Creative Thinking Process In Mathematics Problem Solving On Vector Based On The Learning Style Of Students In Grade X Of Sman 1 Talun | Elvi Nurcholisna Latifah Mustofa Lestyanto |

Parallel 1
 Tuesday, 29th August 2017
 Room 2
 Theme: Statistics
 Chairperson: Namira & Maisuna Kundariati

| Session (Time) | Id Paper | Title | Authors |
|-------------------------------------|--------------|--|---|
| 1 (13.30 – 13.55) | 1201707 1 | Performance Of Semiparametric Modeling In Reducing Bias On Logistic Regression With Rare Event Data | Suliadi, Siti Sunendiari, Aceng K. Mutaqin |
| | 1201721 1 | Crude Oil Price Effect On Crude Palm Oil (Cpo) Pricing Model By Nonparametric B-Splines Regression Approach | Hirlan Khaeri, Yosef Oktavianus Sihotang, Doni Hermawan, Eko Yulian, Yudhie Andriyana |
| | 1201725 8 | Graphics Development Control And Analysis Process Capability Based Distribution Beta Binomial | Hendro Permadi, Eddy Budiono, Susy Kuspambudi Andaini, Ira Nurmawati |
| | 1201744 0 | The Upper Bound Of Loss Insurance Premium | Yunita Wulansari, Gunardi |
| 2 (13.40 – 14.15) | 1201746 6 | The Effect Of Multicultural To Algebra Achievement Of Mathematics Education Student | Irmina Veronika U, Yohana Rina Rowa, Sebastianus Jani, |
| | 1201749 0 | Mathematics Learning With Macromedia Flash For Enhancing Students Mathematical Communication Ability | Putri Nurmalasari, Rahmayani, Nanang Priatna, Suhendra |
| | 1201758 0 | Partial Hypothesis Testing Of Spline Truncated Semiparametric Regression | I Nyoman Budiantara, Wahyu Wibowo, Madu Ratna, Dewi Fitriana |
| | 1201758 1 | Estimation Of Interval Parameter Models Spline Truncated In Semiparametric Regression | I Nyoman Budiantara, Vita Ratnasari, Madu Ratna, Ismaini Zain, Samsul Bahri Loklomin |
| 3 (14.20 – 14.55) | 1201762 5 | Mathematics Learning With Macromedia Flash For Enhancing Students Mathematical Communication Ability | Rahmayani, Putri Nur Malasari, Nanang Priatna, Suhendra |
| | 1201758 3 | The Shortest Confidence Intervals For Parameters Of Nonparametric Spline Truncated Regression | Vita Ratnasari, I Nyoman Budiantara, Rifani Nur Sindy Setiawan, |
| | 1201764 3 | Relation Model Of Storm Wet Duration And Storm Intensity For Various Rainfall Aggregation Levels Using Copula Method | Rado Yendra |

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|--|--------------|--|--|
| | 1201757 4 | Delaying Scaffolding: Paying Attention For Student's Thinking In Solving Mathematics Problem | Kristina Widjanti, Toto Nusantara, Abdur Rahman As'ari, Santi Irawati, Edy Bambang Irawan |
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Parallel 2
 Tuesday, 29th August 2017
 Room 2
 Theme: Mathematics Educations
 Chairperson: Namira & Maisuna Kundariati

| Session (Time) | Id Paper | Title | Authors |
|---------------------------------------|----------|--|------------------------------------|
| 1 (13.30 – 13.55) | 12017423 | Quantitative Reasoning Analysis Of Junior High School Students In Generalizing In Terms Of Gender Differences | Muhammad Muzaini |
| | 12017569 | Examining Prospective Teachers' Mathematical Communication Skills In Statistics | Djamilah Bondan |
| | 12017614 | Student Difficulties In Solving Covariational Problems | Sandie |
| 2 (16.00 – 16.25 Pm) | 12017569 | The Figure Of Ideal Math Teacher In The 21st Century | Djamilah Bondan Widjajanti |
| | 12017655 | Patterns Of Interactions In Realistic Mathematics Instructions At Grade 5 On The Materials Of Statistics | Rini Setianingsih |
| | 12017022 | Geometric Learning Based On Ethnomathematic | Maulida Yulianti |
| 3 (16.30 – 16.55) | 12017101 | Variation Of Mathematical Representation Used In Students' Textbook Grade 8 Semester 2 | Varetha Lisarani |
| | 12017174 | The Counting System And Measurement Unit In Adonara Culture (An Ethnomathematics Study In Adonara Island) | Wara Sabon Dominikus |
| | 12017177 | Exploring Students' Metacognitive Skills In Solving Geometry Problems Through Scaffolding Technique For Class Vii Students | Nopem Kusumaningtyas Sumitro |

Parallel 3

Wednesday, 30th August 2017

Room 2

Theme: Mathematics Education

Chairperson: Namira & Maisuna Kundariati

| Session (Time) | Id Paper | Title | Authors |
|---|----------|---|--|
| 1 (10.45 – 11.20 Pm) | 12017049 | Students Of University As Teacher Candidate Obstacles In Completing Reasoning And Proving Task At Madura University | Hasan Basri |
| | 12017059 | Defragmenting Pseudo Of Students' Thinking Structure In Solving The Problem Of Quadratic Inequality | Dwi Susanti, Purwanto, Erry Hidayanto |
| | 12017066 | The Enhancement Students' Mathematical Abstraction In Junior High School Using Cognitive Apprenticeship Instruction (Cai) | Beni Yusepa, G.P., Yaya S. Kusumah, Bana G. Kartasasmita |
| | 12017168 | Intuitive Thinking Student Resolution In Math | Sofia Sa'o |
| 2 (11.25 – 12.00) | 12017030 | The Development Of The Blended Learning Model In Trigonometry Material For Grade X Of Smk | Kriswandani, S.Pd, M.Pd |
| | 12017072 | Development Of Electronic Teaching Materials Using Flipbook Based Problem Solving Skill On Mathematics Learning Class V Elementary School To Increase Attitude Towards Matematics | Rusnilawati, Eva Gustiana |
| | 12017154 | The Development Of Algebra Module Based On The Process Of Relational Thinking Of Junior High School Students | Darsono, Ika Santia |
| | 12017063 | Development Of Fern Plants Module Based On Contextual To Improve Learning Outcomes In Sma Islam Malang | Intan Yunanda Sunarmi |

Parallel 4
 Wednesday, 30th August 2017
 Room 2
 Theme: Mathematics Education
 Chairperson: Namira & Maisuna Kundariati

| Session (Time) | Id Paper | Title | Authors |
|-------------------------------------|----------|--|---|
| 1 (13.00 – 13.35) | 12017243 | The Effect Of The Extended Triad++ Model And Cognitive Style On Mathematical Representation And Proof Of Theorem | Wahyu Widada |
| | 12017295 | Developing Mathematical Learning Activities Of Addition In Everyday Life: Stem Education | Naphaporn Woranetsudathip, Chokchai Yuenyong |
| | 12017639 | Obstacles Of Students Understanding On Function Definition | Ukhti Raudhatul Jannah Toto Nusantara Sudirman Sisworo |
| | 12017461 | Graphical Representation Using Virtual Manipulatives | Nia Wahyu Damayanti, Purwanto, I Nengah Parta, Tjang Daniel Chandra |
| | 12017669 | Blijah's Arithmetic Algorithm On Madurese Society In Probolinggo: An Alternative Approach In Learning Number Operation | Loviga Denny Pratama, Wahyu Setyaningrum, Wahyu Lestari, Heri Retnawati |
| 2 (13.40 – 14.15) | 12017261 | Implementing The Use Of Perimeter Magic Triangles For Developing Mathematical Reasoning Process In Delivering School Mathematics | Gatot Muhsetyo |
| | 12017009 | Incorporating Thinking Processes In Students' Written Works: A Call For Reform In Mathematics Teaching | Abdur Rahman As'ari, Sudirman, Edy Bambang Irawan |
| | 12017081 | Enhancement Of Statistical Reasoning Ability Among College Students Through Srle Model | Laila Hayati, Wahyudin, Dadang Juandi |
| | 12017082 | Comparison Of Metacognition Awareness Of Mathematics And Mathematics Education Students Based On The Ability Of Mathematics | La Misu, La Ode Ahmad Jazuli |
| 3 (14.20 – 14.55) | 12017255 | Development Of Circ Type Of Cooperative Learning Based On Problem Posing To Increase Student's Creative Thinking Abilities Lesson Plans For Grade Vii On Quadrilateral Materials | Rodyatul Aulia, Mega Teguh Budiarto Tatag Yuli Eko Siswono |
| | 12017171 | Imitation In Junior High School Students In Communicating The Completion Of Mathematical Problems | Andika Setyo Budi Lestari |

| Session (Time) | Id Paper | Title | Authors |
|----------------|----------|--|--|
| | 12017175 | The Oral Mathematical Communication Profile Of Prospective Mathematics Teachers In Mathematics Proving | Kristianus Viktor Pantaleon |
| | 12017197 | Students' Creative Thinking In Solving Problems Related To Linear And Quadratic Equation System Based On The Self Efficacy | Ratna Kusumawati, Agung Lukito, Raden Sulaiman |

Parallel 5
 Wednesday, 30th August 2017
 Room 2
 Theme: Mathematics Education
 Chairperson: Namira & Maisuna Kundariati

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|---|
| 1 (15.30 – 15.55) | 12017242 | Growth Of Mathematical Understanding: A Case Of Fifth Grade Students With Different Gender | Ramadhan Kurnia Habibie Agung Lukito Tatag Yuli Eko Siswono |
| | 12017308 | Student Conceptual Change In Understanding The Concept Of Integers | Anita Dewi Utami Subanji |
| | 12017318 | Analysis Of Discovery Learning Model On Mathematics Learning In Elementary School | Desty Ratna Permatasari Heribertus Budi Usodo |
| 2 (16.00 – 16.25) | 12017336 | Needs Analysis Of Cooperative Learning Model With Rme Approach For Elementary School Mathematics | Gunarhadi Riyadi |
| | 12017439 | Realistic Mathematics As Implementation Of Competence Based Curriculum | Dwiyana |
| | 12017657 | Mathematicall Creative Thinking Process To Solve The Open-Ended Problems Of Algebra For Undergraduate Students | Cholis Sadijah Abdur Rahman As'ari Hery Susanto |

Parallel 1
 Tuesday, 29th August 2017
 Room 3
 Theme: Mathematics Education
 Chairperson: Izzatun & Difandini

| Session (Time) | Id Paper | Title | Authors |
|-------------------------------------|----------|--|-------------------------------------|
| 1 (13.00 – 13.35) | 12017046 | Cognitive Obstacle Of Undergraduate Students When Constructing Proof In Geometry Based On Apos (Action, Process, Object, And Schema) Theory | Isbadar Nursit |
| | 12017070 | Local Instructional Theory (Lit) On Geometry Curved For Enhancement Conceptual Understanding Student | Ida Nuraida |
| | 12017441 | Implementation Of Mathematics Learning - Assisted Cabri 3d Software To Improve Spatial Abilities Of High School Students On Three Dimensional Geometry | Ricki Yuliardi |
| | 12017525 | The Need Of Developing Geometry Learning Module In Primary School | Dyah Wahyuningtyas |
| 2 (13.40 – 14.25) | 12017623 | Fifth Graders' Spatial Abilities Of Cross Section Three Dimensional Object On Assessment Task | Shinta Wulandari |
| | 12017626 | Learning Difficulties On Plane Analytical Geometry | M. Noor Kholid |
| | 32017010 | Image-Concept Model Developed Of Geometrical Proof | Lathiful Anwar |
| | 32017031 | Image-Concept Model Developed Of Geometrical Proof | Syaiful Hamzah N |
| 3 (14.20 – 14.55) | 12017611 | A Case Study Of The Spatial Reasoning Process Of Junior High School Students In Solving Geometry Problems | Dewi Risalah |
| | 12017033 | Why Do Students Make Mistakes When Completing Problems In Semiotic Representation? | Christine Wulandari Suryaningrum |
| | 12017332 | Preservice Primary School Teachers' Conception About Quadrilateral And Triangle | Fara Virgianita P |
| | 12017546 | Written Mathematical Communication In Solving Geometrical Problem Of Eight Graders | Sumaji |

Parallel 2

Tuesday, 29th August 2017

Room 3

Theme: Mathematics Education

Chairperson: Izzatun & Difandini

| Session (Time) | Id Paper | Title | Authors |
|-------------------------------------|----------|---|--|
| 1 (15.30 – 15.55) | 12017060 | Profile Description Conceptual Understanding Layers Of Conic Sections For Mathematic Education Student Batch 2016 Fkip Uksw | Fithri Anna Fauziyyah, Kriswandani, S. Si., M. Pd |
| | 12017394 | Representation Of Non-Routine Problem Solving | Galuh Tyasing Swastika, Toto Nusantara |
| | 12017413 | Student Differences In Using Their Understanding When Solve Mathematical Problem | Lusiana Delastri, Purwanto, Subanji, Makbul Muksar |
| 2 (16.00 – 16.25) | 12017008 | Psychological View On Students' Conviction In Mathematics Proof | Fuat, Toto Nusantara, Edy Bambang Irawan, Santi Irawati. |
| | 12017281 | Use Of Graphs In Mathematics' Arguments And Proofs On Students Transition From Secondary Level To Tertiary Level | Christina Laamena, Toto Nusantara, Edy Bambang Irawan, Makbul Muksar |
| | 12017284 | Some Mistakes In Solving Irrational Inequalities In Mathematics Textbook Grade 10 | Tjang Daniel Chandra |
| 3 (16.30 – 16.55) | 12017286 | Spatial Ability Using 3d Portfolio Animation Video | Jatmiko, Lina Rihatulhima, Fr Fiantika, |
| | 12017521 | Abstraction Reflective Student In Problem Solving Of Mathematics Based Cognitive Style | Anies Fuady, Purwanto, Edy Bambang, Swasono Raharjo |
| | 12017663 | Assessment Of Mathematics Creative Thinking Through Open Ended Mathematics Problems For Seventh Graders In Malang | Cholis Sa'dijah, Lathiful Anwar, Abdul Qohar, Rini Nur Hakiki |

Parallel 3
 Wednesday, 30th August 2017
 Room 3
 Theme: Mathematics Education
 Chairperson: Izzatun & Difandini

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|--|
| 1 (10.45 – 11.20) | 12017226 | The Growth Process Of Understanding's Student Senior High School According To Pirie-Kieren's Theory With Difference Of Mathematical Ability | Nining Puji Lestari, I Ketut Budayasa, Raden Sulaiman |
| | 12017183 | Over-Use System Of Two-Variable Linear Equations To Solve Proportional Problems | Muhammad Irfan |
| | 12017217 | Effectiveness Of The Implementation Of Cooperative Learning Type Of Teams Games Tournament Aided Kahoot Media On The Topic Of Quadratic Equation For Students Grade X Iph 2 Surabaya | Alfa Charisma Sardjono Pello |
| | 12017239 | Profile Description Of Students' Thinking Skills On The Topic Of Divisions Of Integer Numbers Based On Taxonomy Solo In Class Vii-C At Smp Negeri 1 Salatiga | Fithri Anna Fauziyyah |
| 2 (11.25 – 12.00) | 12017244 | The Influence Of Contextual Learning Model And The Cognitive Conflict To Understand Concepts And Problem Solving Mathematics Abilities | Dewi Herawaty |
| | 12017250 | Shifting Of Understanding Of Early Semester Students On Function Concepts From The Perspectives Three Worlds Of Mathematics And Schema Theory | Sudirman, Abdur Rahman As'ari, Susiswo, Erry Hidayanto |
| | 12017359 | Construction Of Students' Understanding On Derivative Of A Function Using Three Worlds Mathematics | Rustanto Rahardi, Dahliatul Hasanah |
| | 12017458 | Logical Thinking Ability Mapping Of Elementary Students In Malang | Rulyana Salma Rosadha, Ahmad Habibul Wahid |

Parallel 4
 Wednesday, 30th August 2017
 Room 3
 Theme: Mathematics Education
 Chairperson: Izzatun & Difandini

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|---|
| 1 (13.00 – 13.35) | 12017486 | Creative Idea Of Prospective Teacher In Mathematical Problem Posing Through Transformation | Muchtadi Toto Nusantara Abdur Rahman As'ari Santi Irawati |
| | 12017517 | Utilization Of Information Processing Theory To Identify Students' Thinking Interference Of Global Type In Solving Permutation Problems | Sukoriyanto Toto Nusantara Subanji Tjang Daniel Candra |
| | 12017527 | Application Of Logical-Mathematical And Interpersonal Intelligences Based Learning To Enhance Student's Mathematical Critical And Creative Thinking | Ayu Widyastuti Arif Susilo Elah Nurlaelah Al Jupri |
| | 12017529 | Construction Of The Concept Of Fractions From The Perspective Of The Apos Theory | Henry |
| 2 (13.40 – 14.15) | 12017533 | An Analysis Instructional Approach: Problematic Using Rme Approach On System Of Linear Equations With Two Variables | Rosaini Muhammad Darmawan Dewanto |
| | 12017534 | Error Analysis Of Trigonometric Problem Solving By Vocational High School Students Based On Differences In Ability And Cognitive Style | Liknin Nugraheni Nur Fathonah Sri Rahayu |
| | 12017541 | Design And Validation Of Integrated Teaching Mathematics Books Information And Communication Technology (Ict) With Cd Tutorial For Senior High School | Tika Septia Sofia Edriati |
| | 12017560 | Learning With Contextual Approach Using Fokusky Software To Improve Student Mathematical Communication Skill | Irvan Najmul Mutaqin Endang Cahya Nurjanah |
| 3 (14.20 – 14.55) | 12017567 | How Students Perceive The Difficulty Of Learning The High Line And The Divide Line Based On Piaget's Adaptation Theory | Herfa Maulina Dewi Soewardini |
| | 12017587 | Pointing Gestures And Speech Of Teachers In Mathematics Learning According To Information And Initiation | Mustafa A.H. Ruhama Cholis Sa'dijah Abdur Rahman As'ari Sisworo |
| | 12017631 | Analysis On Student's Difficulties In Solving Two And Three Variables Linear Equation System And The Alternative Way Offered To Solve It | Hariratuz Zulfa Riyadi Dewi Retno Sari |

| Session (Time) | Id Paper | Title | Authors |
|----------------|----------|---|--|
| | 12017632 | Development Of Cooperative Learning Model With Murder Strategy (Mood, Understand, Recall, Digest, Expand, Review) Assisted With Website | Khoerul Umam Toto Nusantara I Nengah Parte Erry Hidayanto |

Parallel 1

Tuesday, 29th August 2017

Room Cakrawala 4

Theme: Theoretical Physics and Computation

Chairperson: Mr. Sentot Kusairi and Anggian Anggraeni

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|--|
| 1 (13.00 – 13.35) | 12017137 | Drive Force Of Vehicle Seabed Based On Experiments And The Compatibility With Stokes Formulations | Widya Rohmawati Intan Pramesti Ndadari Inas Aulia Majid Eny Latifah |
| | 12017179 | Higgs Inflation After Observation Planck 2015 | Muhammad Taufiqur Rohman Dr. Romy Hanang Setya Budhi |
| | 12017185 | Reproducing Of Thermodynamics Quantities Of Massless-Fermion Mechanical Heat Engine | Eny Latifah Muhammad Sugeng Yulianto Hari Wisodo Arif Hidayat |
| | 12017233 | Limit Relativistic Quantum Brayton Engine Of A Mass-Less Boson Trapped 1 Dimensional Potential-Well | Muhammad Syawaluddin Akbar Eny Latifah Hari Wisodo |
| 2 (13.40 – 14.15) | 12017240 | Patriot Plasma: Automatic Trash Picker Boat Using Microcontroller And Radio Control | Sukarni Sukarni Kunti Dhiwaniati Sudda Yusuf Mahesa Dani Prasetyo Muhammad Andi Dwi Arini Mufarrichah |
| | 12017376 | Performance Of Quantum Otto Engine Based On Multiple-State Single Fermion In 1d Box System | Deny Pra Setyo Eny Latifah |
| | 12017476 | Necessary And Sufficient On The Computation Of Determinant Of A Kind Of Special Matrix | Nur Khasanah Farikhin Bayu Surarso |
| | 12017659 | The Relativistic Magnetic Fields Dynamics Equations Of A Fast Rotation Neutron Star Based On Zamo Framework (Zero Angular Momentum Observers) | Atsnaita Yasrina Norma Sidik Rusdianto |
| 3 (14.20 – 14.55) | 32017040 | Effect Of Material Defect On Vortex-Antivortex Dynamics Based On Tdgl Equation | Prawitasari Radiktyo Permono Hari Wisodo |
| | 32017041 | Determined The Value Of Critical Current Superconductor Type Ii With A Simulation | Radiktyo Permono Prawitasari Hari Wisodo |
| | 32017042 | Implementation Of The External Current Density And External Magnetic Field On Type Ii Superconductors | Hari Wisodo Pekik Nurwantoro Agung Bambang Setio Utomo |

| Session (Time) | Id Paper | Tittle | Authors |
|----------------|----------|--|--|
| | 32017043 | Simple Experiment Demonstrating The Excitation Of A Standing Wave In Drumhead For Understanding Two Dimension Standing Wave Modes. | Arif Hidayat Widyaningsih Hari Widodo Eny Latifah Ahmad Taufiq |

Parallel 2
 Tuesday, 29th August 2017
 Room Cakrawala 4
 Theme: Material Science and Technology
 Chairperson: Mr. Sentot Kusairi and Anggian Anggraeni

| Session (Time) | Id Paper | Title | Authors |
|-----------------------------|----------|---|---|
| 1 (15.30 – 15.55) | 12017073 | Learning Design Of Citizenship Education In Indonesia After Ahok Tragedy (A Shape Of Social Media And Critical-Literacy In Educational Process) | Husniyatus Salamah Zainiyati |
| | 12017113 | Bioactivity Tio ₂ /Ppy Micelle With Bengkoang Extract As Uv Absorbent Material | Titik Istirohah Dwi Meinita Sari Maqfiratun Ainun Jannah Lisa Amalia Sari Markus Diantoro |
| | 12017132 | The Influence Of Sno ₂ Nanoparticles On Their Microstructure Of Ag-Sno ₂ -B-Carotene/Ito | Ulwiatus Sa'adah Wiwin Astutik M. Tommy Hasan Abadi Imam Tantowi Markus Diantoro |
| 2 (16.00 – 16.25) | 12017133 | Distribution Of Silver (Ag) Nanoparticle In Pva/Ag Nanofiber Fabricated By Electrospinning Method | Sunaryono Aulia Rachmawati Elya Khunazatus Shima Nadya Ayu Pramesti Titik Istirohah |
| | 12017136 | The Effect Of Zno Dopant And Annealing On The Performance X(Zno)-Ca-Pla Hydrophobic | S E I Suryani U Sa'adah W N L Amini T Suprayogi Markus Diantoro |
| | 12017235 | The Effect Of Homogenization On The Strength Of Biocomposite Starch Reinforced By Nanoclay | Heru Suryanto Sindy Jenuardy Djoko Kustono Poppy Puspitasari Uun Yanuhar |
| 3 (16.30 – 16.55) | 12017265 | Synthesis And Characterization Of Ferrimagnetic Glass-Ceramic From Natural Materials With In -Vitro Evaluation | Peggy Septiningtyas Merin P.N. Hendra R. Yudyanto Hartatiek |
| | 12017268 | Potential Of Gic/Zaa-Cu/Al ₂ O ₃ Composites As Dental Restoration Materials | Yudyanto Isnindar T.A. Hartatiek |
| | 12017282 | The Effect Of Sonication Duration On Characteristic Nanohydroxyapatite-Sio ₂ Composite And Mechanical Properties | Hartatiek Reri D.S. Yuanita A.H. Isnindar T.A. Yudyanto |

Parallel 3

Wednesday, 29th August 2017

Room Cakrawala 4

Theme: Material Science and Technology

Chairperson: Mr. Ahmad Taufik and Rosabela

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|---|
| 1 (10.45 – 11.20) | 12017285 | Development Of Physics Learning Devices Oriented By Deep Dialogue Critical Thinking (Ddct) With The Help Of Phet To Train Students' Critical Thinking Skills At Senior High School | Umi Marfuah |
| | 12017398 | Synthesis Of $Cu_2(Cn)_3(Imid)$ And Its Single Crystal Structure-Potential Catalytic Analysis | Iwayan Dasna Lahcene Ouahab Stephane Golhen Subakti |
| | 12017404 | Concept Of Database Information System By Using Cardinalities Mapping In Division Of Facilities And Infrastructure Trilogi University | Nina Sariana Efendri |
| | 12017464 | Analysis And Design Fuzzy Expert System To Diagnose Malaria, Tuberculosis And Dengue Fever | Yulianti Paula Bria Sisilia Daeng B. Ma'u |
| 2 (11.25 – 12.00) | 12017592 | Investigation Of Magnetic Properties And Magnetic Responses On Hydrogel-Tmah-Magnetite With Filler Fe_3O_4 Monodisperse | Muchlis Fajar Hidayat Sunaryono Chusnana Insjaf Yogihati Ahmad Taufiq Nandang Mufti Markus Diantoro |
| | 12017616 | Geographic Information System For Mapping Of Tourist City Of Dili In Web Based | Natalia Magdalena R. Mamulak Emiliana Meolbatak Sinhorinha N. Da Costa |
| | 12017617 | Black Tea Grade Classification Method Using Fourier-Transform Near Infrared Diffusion-Reflection Spectroscopy And Principal Component Analysis | Rosa O. Anindya Jodelin Muninggar Ferdy S. Rondonuwu |
| | 12017622 | Effect Of Mass Proportion On Optical And Electrical Properties Of Sno_2 -Ag-B-Carotene/Fto Thin Film | Markus Diantoro Ulwiatus Sa'adah Solehudin |

Parallel 4
 Tuesday, 29th August 2017
 Room Cakrawala 4
 Theme: Geophysics
 Chairperson: Mr. Ahmad Taufiq and Rosabela

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|--|
| 1 (13.00 – 13.35) | 12017013 | Detection Of Seepage Source Path Location In Selorejo Downstream Foothill Earth Dam Using Gpr | Yoyok Adisetio Laksono Abdulloh Fuad Daeng Achmad Suaidi Siti Zulaikah Nandang Mukti |
| | 12017092 | Evaluation Of Fluid Content In The Carbonate Reservoir Well Using Fluid Replacement Model | Daanah Caesaria M. Syamsu Rosid M. Iksan Reza Wardhana Rulliyansyah |
| | 12017093 | Reservoir Identification At Dieng Geothermal Field Using 3d Inversion Modelling Of Gravity Data | Catherine Sibarani M. Syamsu Rosid |
| | 12017094 | Identification Of Potential Hydrocarbon Reservoir Zones Using 3d Inversion Of Gravity Data In Atambua Sediment Basin, Ntt | Cicilia Budi Saraswati M. Syamsu Rosid |
| 2 (13.40 – 14.15) | 12017095 | Identification Of Gold Mineralization Zone In Field "Gb" Using 2d Inversion Induced Polarization Data | Pelangi Wiyantika M. Syamsu Rosid |
| | 12017099 | Analysis Distribution Of Focal Mechanism In Sulawesi | Muh. Altin Massinai Muhammad Fawzy Ismullah Massinai Bambang Harimei Fauziah Alimuddin |
| | 12017100 | Seismicity Analysis Sulawesi North Arm Based On B-Values And Distribution Of Focal Mechanisms | Muhammad Fawzy Ismullah Massinai Muh. Altin Massinai Bambang Harimei Aryani Agustiwati |
| | 12017248 | Tilt Angle Analysis Of Gravity Data For Determining The Heat Source Of The Geothermal System On The Mt. Lawu Field | M. Syamsu Rosid Amanda Claudiya Aprilia |
| 3 (14.20 – 14.55) | 12017251 | Curve Splitting Analysis Of Mt Data To Identify Permeable Zone At Geothermal Field "X" | M. Syamsu Rosid Emir Ghufon |
| | 12017325 | Comparing Two Models Of Mapping The Peak Ground Acceleration (Pga) In Sumatera | Tati Zera Muhammad Nafian Lusti Nur Azizah |
| | 12017526 | Spatial Pattern Of Regional Development In Southeast Asia | Azzhary Muhammad Rio Hafid Setiadi |

Parallel 5
 Wednesday, 29th August 2017
 Room Cakrawala 4
 Theme: Material Science and Technology
 Chairperson: Mr. Ahmad Taufik and Rosabela

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|--|
| 1 (15.30 – 15.55) | 12017640 | Fabrication Of A Microchip Optical Switching Based On Directional Fiber Coupler | Dedi Irawan |
| | 12017646 | The Effect Of Growth Times On Zno Nanorods Characteristics And Its Application On Perovskite Solar Cells | Nandang Mufti Riris Idiawati Hari Wisodo Markus Diantoro Abdulloh Fuad Ahmad Taufiq Sunaryono |
| | 12017647 | Synthesis Of Fe ₃ O ₄ Nanoparticles Using Peg Template By Electrochemical Method | Fauziatul Fajaroh Nazriati Sefin Nur Aisyah |
| 2 (16.00 – 16.25) | 32017002 | Effect Of Freezing-Thawing Route Number On Elasticity And Magnetic Properties Of Fe ₃ O ₄ /Carboxymethyl Cellulose/Polyvinyl Alcohol Magnetic Hydrogel | Mimin Nurul Kholifah Sunaryono Yudyanto Ahmad Taufiq Nandang Mufti Markus Diantoro |
| | 32017014 | Synthesis Of Zn _{0.2} Fe _{2.8} O ₄ Particles In Nanopowder And Magnetic Fluid And Their Structural And Magnetic Behaviors | Ahmad Taufiq Defi Yuliantika Sunaryono Nurul Hidayat Nandang Mufti Markus Diantoro Abdulloh Fuad Arif Hidayat Syamsul Bahtiar Adila Puspitaningrum Munasir |
| | 32017015 | Structural, Band Gap, And Magnetic Characters Of Fe _{2.9} Cr _{0.1} O ₄ Nanoparticles For Ferrofluids Synthesized From Indonesian Sand | Ahmad Taufiq Neni Wahyuni Widya Elyani Sunaryono Nurul Hidayat Nandang Mufti Markus Diantoro Abdulloh Fuad Arif Hidayat Munasir Retno Rahmawati |

Parallel 1

Tuesday, 29th August 2017

Room: Cakrawala 5

Theme: Basic Chemistry & Chemistry Education

Chairperson: Mr. Sumari & Vevina D. Nugraha

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|---|
| 1 (13.00 – 13.35) | 12017055 | Study Of Isothermal And Adsorption Kinetics Of Rhodamine B Dye Using Persimmon Tannin Gel | Halimahtussaddiyah Ritonga La Ode Ahmad Afandi Muh.Musa |
| | 12017219 | Effectiveness Of Natural Zeolite Modification Through Activation As Catalyst In Cellulose Conversion To Glucose From Cotton By Ultrasonic Wave | Ni'matus Sholihah Mahrullina Mahirotul Aisiyah Intan Oktaviani Natasha Khilmi Yana Fajar Prakasa |
| | 12017405 | Analysis Of Nutritional Ingredients Moringa Cereal | Elok Widayanti Agus Heri Santoso |
| | 12017642 | Optimization Synthesis Of Biodiesel From Jatropha Curcas With Heterogeneous Catalyst Cao And Mgo By Transesterification Reaction Using Microwave. | Aman Santoso Dedek Sukarianingsih Sumari Rosi Mayangsari |
| 2 (13.40 – 14.15) | 12017426 | Students' Self-Regulated Learning And Students' Achievement In Hybrid Learning Using Video Conference And Chemistry Game On Android (Chemondro) On The Subject Of Chemistry Colloid | Choirunisa Fathur Royyaan Antuni Wiyarsi Jaslin Ikhsan Kristian H. Sugiyarto |
| | 12017457 | Effects Of Using Media Of Chemondro And Video Conference On Teaching Learning Towards Students' Self Efficacy And Students' Achievement On The Subject Of Hydrocarbon | Nur Fitriyana Jaslin Ikhsan Antuni Wiyarsi K. H. Sugiyarto |
| | 12017465 | Conceptual Understanding Of Chemistry Undergraduate Students On Ultraviolet And Infrared Spectroscopies By Inquiry-Based Learning Strategy | Rini Retnosari Sutrisno Hayuni Retno Widarti |
| | 12017467 | Effects Of Inquiry-Based Learning Strategy On Mass Spectroscopy's Conceptual Understanding Of Chemistry Undergraduate Students | Sutrisno Rini Retnosari Hayuni Retno Widarti |
| 3 (14.20 – 14.55) | 12017470 | The Impact Of Inquiry-Based Learning Strategy On Science Process Skill Of Chemistry Undergraduate Students In Spectroscopies Topic | Hayuni Retno Widarti Sutrisno Rini Retnosari |
| | 12017481 | Applying Of Problem Based Learning Model On Learners' Integrated Abilities On Acids And Bases Solution Matter | Novia Fitri Fadhilah Endang. W. Laksono Suyanta |

| Session (Time) | Id Paper | Title | Authors |
|----------------|----------|--|-------------------|
| | 12017504 | False Remembering And Overconfidence: Rethinking About Students' Chemistry Problem Solving | Benny Yodi Sawuwu |
| | 12017507 | Problem-Based Learning Application To Measure Critical Thinking Skill And Science Process Skills Of Madrasah Aliyah Students In Yogyakarta | Ihwan Rizky |

Parallel 2

Tuesday, 29th August 2017

Room: Cakrawala 5

Theme: Basic Chemistry & Chemistry Education

Chairperson: Mr. Sumari & Vevina D. Nugraha

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|---|
| 1 (15.30 – 15.55) | 12017520 | An Investigation Of Senior High School Chemistry Students' Mastery Level In Scientific Argumentation Skills | Oktavia Sulistina Suharti Dedek Sukarianingsih |
| | 12017555 | The Effect Of Problem-Based Learning Model Toward Students' Self-Regulated Learning On Rate Reaction Matter | Ihda Nur Rahmah Endang Widjajanti Lfx Eli Rohaeti Suyanta |
| | 12017628 | Development Of Multiple Choice Diagnostic Test Instrument Of Acid-Base Concepts To Identify Students' alternative Conceptions | Muntholib Jian Mayangsari Yunilia N. Pratiwi M. Muchson Ridwan Joharmawan Yahmin Sri Rahayu |
| 2 (16.00 – 16.25) | 32017024 | Development Of Multiple Choice Diagnostic Test Instrument Of Acid-Base Concepts To Identify Students' alternative Conceptions | Muntholib M. Muchson |
| | 32017035 | Study Of Representational Competence On The Fmipa Um Chemistry Student's General Chemistry Based On It's Aspecst And Levels | Herunata |

Parallel 3

Wednesday, 30th August 2017

Room Cakrawala 5

Theme: Material Science and Technology

Chairperson: Mr. Sunaryono and Yunan Amza

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|--|
| 1 (10.45 – 11.20) | 32017016 | The Impacts Of Different Compositions Of Olive Oil As A Dispersing Medium On The Magnetic Properties Of Fe ₃ O ₄ Ferrofluids | Rosy Eko Saputro Ahmad Taufiq Sunaryono Nurul Hidayat Arif Hidayat Retno Rahmawati Yuanita |
| | 32017018 | Nanostructure Analysis For Microwave Absorption Properties Of Fe ₃ O ₄ Particles By Symmetry Top Rotational Molecular Model | Yuda Prima Hardianto Ahmad Taufiq Arif Hidayat Sunaryono Anita Listanti Hari Wisodo |
| | 32017019 | Synthesis Of Γ -Al ₂ O ₃ /SiO ₂ Composites From Amorphous Silica And Aluminum Powder | Munasir Zainul Arifin Imam Supardi Diah Hari Kusumawati Ahmad Taufiq Nurul Hidayat Sunaryono |
| | 32017020 | Phase Transition Of SiO ₂ Nps Prepared From Natural Sand | Munasir Mashadi Zumrotun Nisa Zainul Arifin Imam Supardi Diah Hari Kusumawati Nugrahani Primary Putri Ahmad Taufiq Sunaryono Nurul Hidayat Darminto |
| 2 (11.25 – 12.00) | 32017021 | Effect Of Templetting On Structural Behaviors Of Magnetite Nps | Muzammil Ahmad Taufiq Sunaryono Nurul Hidayat Syamsul Bahtiar Arif Hidayat Hari Wisodo |
| | 32017022 | Utility Of Waste Of Bagasse Ash And Egg-Shell On The Materials Field | Chusnana Insjaf Yogihati Nurul Hidayat Isnindar Tandya Asri |
| | 32017032 | The Potential Use Of Bagasse Ash And Egg-Shell Potential Material Research Applications | Chusnana Insjaf Yogihati Isnindar Tandya Asri |

Parallel 4
 Tuesday, 30th August 2017
 Room Cakrawala 5
 Theme: Physics Education
 Chairperson: Mr. Sunaryono and Yunan Amza

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|--|
| 1 (13.00 – 13.35) | 12017300 | Learning Device Development In Cooperative Model Type Student Teams Achievement Division (Stad) Using Contextual Approach For Increasing Student Concept Mastering In Newton Law. | Chyta Anindya Pertiwi, S.Pd. Dr. Wasis, M.Si. Prof. Dr. Suyatno, M.Si. |
| | 12017333 | Students Concept Acquisition On Dynamical Electricity Based On Collaborative Learning: Guided Inquiry And Phet | Cicyn Riantoni Lia Yuliaty Nandang Mufti |
| | 12017363 | The Epistemic Game Of Students During Physics Learning By Integral Learning | M. Dewi Manikta Puspitasari |
| | 12017385 | Implementation Of Modeling Instruction On Hydrostatic Pressure And Archimedes Law | Maria Chandra Sutarja Sutopo Eny Latifah |
| 2 (13.40 – 14.15) | 12017428 | Understanding Students' Difficulties On Particle Dynamics Based On The Knowledge In Pieces Theory | Muhammad Reyza Arief Taqwa Arif Hidayat Sutopo |
| | 12017448 | Problem Solving Ability And Metacognition Ability Of High School Students In Tulungagung District | Aprilita Ekasari Markus Diantoro Parno |
| | 12017453 | Development Of Quipper School E-Learning On Waves To Improve Learning Outcomes And Student Motivation Of Grade Xi | Pandu Joyo Sampurno Sri Wahyuni |
| | 12017482 | Development Of Assessment Model Based On Taxonomy Solo To Determine Students Ability In Solving Rotational Dynamics Problems | Chairatul Umamah Herman Jufri Andi |
| 3 (14.20 – 14.55) | 12017485 | The Effect Of Group Investigation With Scaffolding For Physics Concept Ability Islamic Senior High School Student | Yeyehn Dwi Sugara Sutopo Eny Latifah |
| | 12017495 | Implementation Of Modelling Instruction To Improve Students Conceptual Understanding On Simple Harmonic Motion | Gunawan Hairunnisyah Sahidu Ahmad Harjono Lovy Herayanti |
| | 12017584 | Using Virtual Labs To Improve Students' Understanding On Thermodynamics Concepts | Hairunnisyah Sahidu Gunawan Indriaturrahmi Fitri Astutik |

Parallel 5
 Wednesday, 30th August 2017
 Room Cakrawala 5
 Theme: Physics Education
 Chairperson: Mr. Sunaryono and Yunan Amza

| Session (Time) | Id Paper | Tittle | Authors |
|------------------------------------|----------|--|--|
| 1 (15.30 – 15.55) | 12017613 | A Comparative Study Of Scaffoldings In Group Investigation On Physics Achievement And Science Process Skills | Supriyono Koes-H Wartono Muhardjito |
| | 12017634 | A Profile Of Physics Pre-Service Teacher`S Pedagogical Competency At Field Study And Experience (Fse) In Developing Multiple Choice Of Cognitive Domains Based On Material Indicator | Artaria Mustika Sugiyanto, S.Pd., M.Si. Drs. Parno, M.Pd. |
| | 12017649 | Implementation Of Guided Inquiry Through Stem Approach Toward Students Physics Learning Achievement | Sujito Hestiningtyas Yuli Pratiwi Sentot Kusairi |
| 2 (16.00 – 16.25) | 32017008 | Physics Teacher Candidate Preparations To Be A Professional Physics Teacher | Endang PurwaningsihDr. Wasis, M.Si Prof. Dr. Suyatno, M.Pd |
| | 32017028 | Influence Of Providing Online Formative Feedback In The Topic Of Fluid Dynamics Based On Isomorphic Problems On Student`s Learning Achievement | Sulistiyowati Sujito Sentot Kusairi Sutopo Kadim Masjkur |
| | 32017030 | The Effect Of Web Based Formative Feedback To Conceptual Understanding About Newton Gravitation | Wahyu Ekafath Dieni Sujito Sugiyanto Sentot Kusairi |
| | 32017038 | The Influence Of Learning Inquiry-Discovery Based Empiris-Teoritis Study With Assistance Animation Phet Of Understanding The Concept Of Physics High School Students | Wartono Agus Suyudi Chandra Sundaygara |

Parallel 1

Tuesday, 29th August 2017

Room: Cakrawala 6

Theme: Instrumentation & Applied Chemistry

Chairperson: Mr. Anugrah Ricky Wijaya & Sekar Fidiningrum

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|--|
| 1 (13.00 – 13.35) | 12017029 | Water Filter Cartridge Based On Zeolite, Coconut Shell Charcoal, And Zeolite-Coconut Shell Charcoal Mixture | Yohanes Buang Pius D. Ola |
| | 32017036 | The Measurement Of Temperature Of Matter Using Thermophile Sensor | Era Budi Prayekti Samsul Hidayat Nurul Hidayat |
| | 12017043 | Synthesis Of Silica Xerogel Based Bagasse Ash As A Methylene Blue Adsorbent On Textile Waste | Lukluil Maknun Ida Farida Nur Kholilah Ratu Balqis Muyas Syufa Nazriati |
| | 12017065 | The Effect Of Catalyst Weight And Mole Ratio Of Oil To Methanol On The Esterification Crude Palm Oil Using H ₂ so ₄ (3m)/Clay Heterogeneous Catalyst | Nurhayati Sofia Anita Tengku Ariful Amri Muhdarina |
| 2 (13.40 – 14.15) | 12017207 | Extraction And Characterization Of Crop Oil From Seed Kernel Of Feun Kase (Thevetia Peruviana) | Dr. Suwari, M.Si Dr. Herry Zadrak Kotta, St, Mt Prof. Yohanes Buang, Ph.D |
| | 12017238 | Antibacterial Effectiveness Of Melinjo Leaves Of Ethanol Extract (Gnetum Gnemon L.) Against Escherichia Coli Bacteria | Nur Candra Eka Setiawan Anny Indah Widianti |
| | 12017291 | Isolation And Identification Of Secondary Metabolites Lichen Usnea Longissima As Antifungal Bioactivity On Candida Albicans | Maulidiyah Maulidiyah Nur Arfa Yanti Andi Musdalifah Abdul Haris Watoni Muhammad Nurdin |
| | 12017292 | Lignin Isolation From Oil Palm Empty Fruit Bunches And Its Application For Natural Pesticide | Maulidiyah Maulidiyah M. Natsir Fathmasari Fitrianiingsih Dwipayogo Wibowo A. Ansharullah Muhammad Nurdin |
| 3 (14.20 – 14.55) | 12017293 | Synthesis, Characterization Carboxymethyl Kappa Carrageenan And The Effect Of Acidity On Their Viscosity | Irma Kartika Kusumaningrum Anugrah Ricky Wijaya |
| | 12017343 | Potential Utilisation Of Livestock Manure (Cattle Dung) For Household Biogas Production And Its Waste For Amelioration To | Ahmad Zaeni Prima Endang Susilowati Feri Ikhsanudin Al Wahab |

| Session (Time) | Id Paper | Title | Authors |
|----------------|----------|--|---|
| | | Enhance Ex Nickel Mining Soil Southeast Sulawesi | Darwis Sulaeman |
| | 12017378 | Optimization Of Alizarin Red S And Time For Paper Based Device Of Cadmium Using Digital Color Image Analysis | Zuri Rismiarti Renny Indrawati |
| | 12017387 | Synthesis Of $Kxzn[Fe(Scn)_6]$ And Its Potential Properties For K-Ion Battery Electrode | Siti Nuril Aini Wicoyatul Mar'ah Alaika Sabihir Rizqi I Wayan Dasna Subakti |

Parallel 2
 Tuesday, 29th August 2017
 Room: Cakrawala 6
 Theme: Applied Chemistry
 Chairperson: Mr. Anugrah Ricky Wijaya & Sekar Fidiningrum

| Session (Time) | Id Paper | Tittle | Authors |
|------------------------------------|--------------|---|---|
| 1 (15.30 – 15.55) | 1201743 5 | The Activity Of Flavonoid Isolates From Papaya (<i>Carica Papaya L.</i>) Seed As Pancreatic Lipase Inhibitor | Pancasari Wiji Utami Subandi Tatas P. Brotosudarmo |
| | 1201744 7 | The Effect Of Fermentation To Theobromine Content Cacao Fruit Peel (<i>Theobroma Cacao L.</i>) | Prima Endang Susilowati Samriana M. Natsir |
| | 1201748 3 | Removal Of Heavy Metal (Cu And Fe) In The Aquatic Plume Using Eapr Process Enhanced By Aeration And Up Take By <i>Vetiveira</i> Grass (<i>Vetiveira Zizaniodes L</i>) | Iis Setianingrum Vivin Viani Ega Dwi Sintadani Durratul Uuliyah Muhammad Faiq Faridani |
| 2 (16.00 – 16.25) | 1201751 4 | Isolation And Screening Of Proteolytic Bacteria From Terasi Sidoarjo As Protease Candidate For Extraction Of Collagen Protein From Milky Fish Scale | Evi Susanti Suharti Naharotul Chusniyah Shindy Tirta Ayu Paramitha |
| | 1201759 1 | Metal Contents And Pb Isotopic Ratios In Sediment Of The Gulf Of Prigi, Indonesia | Anugrah Ricky Wijaya Bambang Semedi Ida Farida Hasan Daupor Md. Sazzad Hossain Tatsuya Kunisue |
| | 1201759 4 | Synthesis Of Fatty Acid Methyl Ester From Soybean Oil Using Electrolysis With Kaolinite Thermal 800oc And 600oc As Catalyst | Mutiara Ayu Reina Intan Kusumawati Wahyu Sriyono |
| 3 (16.30 – 16.55) | 1201760 6 | Improvement Of Metacognition Of Chemistry Education Students Using Metacognitive Learning Strategy | Parlan Suhadi Ibnu Sri Rahayu Suharti |
| | 1201760 7 | The Optimization Of Process Parameter Of Leaching Of Gold From Indonesian Artisan Ore In Chloride Solution Using Taguchi Method | Sri Harjanto Fikri Wahyu Pratama Avicenna Lazuardiyani Meitreyta Taris Muhammad Yaasiin Salam |
| | 1201763 5 | Volatiles Dynamics On Solid Interface To Investigate Chemical Cues In Tritrophic Interaction | Surjani Wonorahardjo Nurindah Endang Budiasih Dedek Sukarianingsih M. Sidiq Ibnu |

Parallel 3

Wednesday, 30th August 2017

Room: Cakrawala 6

Theme: Applied Chemistry

Chairperson: Mr. Anugrah Ricky Wijaya & Sekar Fidiningrum

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|--|
| 1 (10.45 – 11.20) | 12017648 | The Influence Of Natrium Hidroxide Concentration In Celluloce Synthesis From Rice Straw | Dewi Umaningrum Radna Nurmasari Maria Dewi Astuti |
| | 12017651 | Characteristics Of Coal Fly Ash As Raw Material Adsorben For Liquid Waste | Isna Syauqiah Umi Baroroh Lili Utami Meina Wulansari Yusniar |
| | 12017652 | Synthesis Of Methyl Ester From Chicken Oil With Methanol Using Heterogeneous Catalyst Cao-Mgo And Its Potential As Biodiesel Testing. | Aman Santoso Siti Marfuah Sumari Agus Salim |
| | 12017654 | The Study Of Adsorption Of Safranin O On Chitosan | Radna Nurmasari Dewi Umaningrum Mutia Farida |
| 2 (11.25 – 12.00) | 12017658 | Performance Of Activated Natural Zeolite/Cu As A Catalyst On Degradation Glycerol Into Ethanol Assisted Ultrasonic | Sumari Sumari Fauziatul Fajaroh Riski Kusuma Wardani |
| | 32017003 | The Ability Of Delignified Eichhornia Craccipes To Adsorb Chromium (Cr) | Yudhi Utomo Weti Tri Wulandari Anugrah Ricky Wijaya |

Parallel 1

Tuesday, 29th August 2017

Room Cakrawala 7

Theme: Applied Biology

Chairperson: Firda Ama Zulfia & Kuni Mawaddah

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|--|
| 1 (13.00 – 13.35) | 12017031 | Antibacterial Activity Test Of Methanol Extracts Of The Frond Of <i>Asplenium Tenerum</i> Forst. Against <i>Staphylococcus Aureus</i> And <i>Escherechia Coli</i> In Vitro | Nafisatuzzamrudah Siti Fatkhatin Eko Sri Sulasmi Sitoresmi Prabaningtyas |
| | 12017041 | Candy <i>Amomum Subulatum</i> (Casum) As A Candy To Reduce Gas In Stomach | Difandini Rizky Firdaus Tia Kusniawati Rensa Dwi Assyfah Dr. Dri Rahayu Lestari, M.Si. |
| | 12017356 | Extensification Of Electric Bioenergy From Midrib Banana Stems Waste Through Microbial Fuel Cells (Mfc) Technology | Eka Imbia Agus Deni Ainur Rokhim |
| | 12017375 | Comparative Analysis Of Carbohydrate Ubi Talas (<i>Coloscia Esculenta</i>) And Ubi Jalar (<i>Ipomoea Batatas</i>) | Siti Azizah Neneng Anisa Azmi Azhari |
| 2 (13.40 – 14.15) | 12017191 | Effect Of Purple Sweet Potato (<i>Ipomoea Batatas</i> (L.) Lamb.) And Black Soybean (<i>Glycine Soja</i> (L.)) Flour Against Expression Of Ros And Necrosis Of Pancreatic B Cells In Rat (<i>Rattus Novergicus</i>) Diabetes Mellitus Type 2 Model | Erni Widya Ningtiyas Abdul Gofur Sri Rahayu Lestari |
| | 12017263 | Isolation Of Bacteria Cellulolytic Thermophilic From Hot Spring Segara Anak, Rinjani Mountain National Park | Mahallal Jihad Siti Lusi Arum Sari Ratna Setyaningsih |
| | 12017264 | Prevalence, Infection And Distribution Parasitic Nematodes In Digestive Organs Of Malang Regency's House Gecko | Arifa Fikriya Zaharol Muna Sofia Ery Rahayu Susilowati Endang Purwaningsih |
| | 12017280 | Microbe Profiles Of Diabetic Rats Affected By Brown Seaweed (<i>Sargassum Sp</i>) Extracts. | Muhamad Firdaus Anis Chamidah Ade Irma Wijayanto Andik Pujianto |
| 3 (14.20 – 14.55) | 12017306 | Effect Of Combination Purple Sweet Potatoes Flour And Black Soy Bean Flour To Malondialdehyde (Mda) Blood Serum Levels In Rat (<i>Rattus Novergicus</i>) With Diabetes Mellitus Type 2 | Erni Widya Ningtiyas Siti Aminatul Mukarromah Dr. Sri Rahayu, M.Si Dr. H. Abdul Gofur, M.Si |

| Session (Time) | Id Paper | Title | Authors |
|----------------|----------|---|--|
| | 12017317 | Identification Of Genetic Variation Local Endemic Buffalo (Bubalus Bubalis) Based On Microsatellite In Cirebon | Dede Cahyati Sahrir Mohamad Amin Endang Suarsini |
| | 12017321 | The Endophyte Innovation Of Neem (Azadirachta Indica) Leaf As A New Solution Of Anthrax Antibioterrorism In Indonesia | Khuzyia Rizqi Triavi Ananda Muhamad Fikri Zulfikar Hafsah Avisha Muhamad Nastain Ridwan Abdullah Sunarno |
| | 12017345 | Antibacterial Activity Of Lactic Acid Bacteria From Belang Buffalo Milk Toraja, South Sulawesi | Hasria Alang Suharjono Tri Ardiyati Joni Kumnadi |

Parallel 2

Tuesday, 29th August 2017

Room Cakrawala 7

Theme: Biotechnology

Chairperson: Firda Ama Zulfia & Kuni Mawaddah

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|---|
| 1 (15.30 – 15.55) | 12017215 | Expression Of Mlx56 Gene Family In Different Varieties Of Mulberry (Morus Spp.) | Yasinta Ratna Esti Wulandari Yogiara Isabel Livena Young |
| | 12017218 | Identification Of Indigenous Bacterial Consortia On Cadmium (Cd) Polluted Waters At Pasuruan Distric East Jawa | Titik Wijayanti Dinna Eka Graha Lestari |
| | 12017341 | Ciprofloxacin Effect On The Fgf10 Gene Expression In Chick Embryo (Gallus Gallus Domesticus) Leg Development | Qoni'atul Munawaroh Dwi Meinita Sari Silmy Aulia Rufiatin Nisa' Elhah Nailul Khasna Nursasi Handayani Dwi Listyorini |
| 2 (16.00 – 16.25) | 12017361 | Fibroblast Growth Factor 10 (Fgf10) Gene Expression In Chick Embryo (Gallus Gallus Domesticus) Limb Development After Induced Ciprofloxacin | Dwi Meinita Sari Qoni'atul Munawaroh Silmy Aulia Rufiatin Nisa' Elhah Nailul Khasna Nursasi Handayani Dwi Listyorini |
| | 12017454 | Dna Barcoding Of Cynopterus Brachyotis (Chiroptera: Pteropodidae) From Cibinong Science Center Bogor Based On Cytochrome-C Oxidase Subunit I (Coi) | Lutfiyah Walida Sigit Wiantoro Dwi Listyorini |
| | 12017471 | Carragenan : Difference Between Png And Kcl Gel Pressipitation Method As Lactobacillus Acidophilus Encapsulation Material Towards The Viability | Dwi Setijawati Happy Nursyam Hefty Salis Yufidasari |
| | 12017508 | Characterization Of The Effect Of Bacillus Amyloliquefaciens Exopolysaccharides On The Activation Bitter Taste Receptors On The Intestinal Epithelial Cells | Diwyacitta Antya Putri Hsueh-Ling Cheng |
| | 12017512 | Glucose And Lactic Acid Contents Of Tube Paste Flour Additional Amylolytic Lactobacillus Plantarum B110 | Tatik Khusniati Firda Fatimah Al Ansyah Sulistiani Trisanti Anindyawati |

Parallel 3

Wednesday, 30th August 2017

Room Cakrawala 7

Theme: Fundamental Biology

Chairperson: Firda Ama Zulfia & Kuni Mawaddah

| Session (Time) | Id Paper | Tittle | Authors |
|------------------------------------|----------|--|---|
| 1 (10.45 – 11.20) | 12017068 | Biodiversity Of Seagrass, Macroalgae And Macroinvertebrates In Pidakan Coast Pacitan | Nurul Kusuma Dewi Vironika Ervina Permatasari |
| | 12017237 | Improving Presentation Skill In Biology Cell Learning Through Lesson Study Activities | Pramudiyanti Herawati Susilo Utami Sri Hastuti Ummie Lestari |
| | 12017246 | The Study Of Parasite Anisakis Sp. On Big Eye Tuna (Thunnus Obesus) Is Prevention Of Zoonosis Disease. | Maulidiana Finansa Yusuf Sofia Ery Rahayu Susilowati |
| | 12017418 | The Emergence Of Abnormal Filials In Drosophila Melanogaster Meigen Given Sodium Cyclamate Consumption | Ahmad Fauzi Eka Pratama Putri |
| 2 (11.25 – 12.00) | 12017593 | Screening And Isolation Indegenous Amylolitic Bacteria From Sago Waste Product At Halmahera Island | Pramita Yakub Utami Sri Hastuti Endang Suarsini Munzil |
| | 12017670 | Total Plate Count And Total Calcium Test Of Egg Shell Facial Mask | Nafisatuzzamrudah Eka Pratama Putri Afifah Nur Aini Nur Hayati Siti Imroatul Maslikah |
| | 12017212 | In Vitro Antibacterial Activity Of Methanol Extract Of Asplenium Tenerum Forst Frond Against Staphylococcus Epidermidis And Pseudomonas Aeruginosa | Nur Hayati Afifah Eko Sri Sulasmi Sitoresmi Prabaningtyas |
| | 12017316 | In Vitro Antibacterial Activity Of Methanol Extract Of Asplenium Tenerum Forst Frond Against Staphylococcus Epidermidis And Pseudomonas Aeruginosa | Afifah Nur Hayati Eko Sri Sulasmi Sitoresmi Prabaningtyas |

Parallel 4
 Tuesday, 30th August 2017
 Room Cakrawala 7
 Theme: Applied Biology
 Chairperson: Firda Ama Zulfia & Kuni Mawaddah

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|---|
| 1 (13.00 – 13.35) | 12017348 | Exploration Of The Plant's Survival At Resort Of Manufacture Nation Park li 'Coban Trisula' Bromo Tengger Semeru Nation Park | M. Eval Setiawan Suhadi Sri Endah Indriwati |
| | 12017590 | Potential Of Single Bulb Garlic Compound To Decreased Il-6 Levels In Mouse (Mus Musculus) Balb-C Model Atherosclerosis | Riza Rahayu Ilmawati Sri Rahayu Lestari Abdul Gofur |
| | 12017595 | Analysis Of Ethnobotany Knowledge As A Traditional Ceremony On Community Ammatoa Kajang Tribe In South Sulawesi, Indonesia | Suhartini Azis Siti Zubaidah Susriyati Mahanal Sutiman B. Sumitro Jati Batoro |
| | 12017389 | Isolation And Screening Of Proteolytic Thermophilic Bacteria From Hot Springs Of Segara Anak Lake, National Park Of Mount Rinjani | Windha Ika Maylani Siti Lusi Arum Sari Ratna Setyaningsih |
| 2 (13.40 – 14.15) | 12017393 | Strategy For Implementing Agroeduforestry To City Forest Of Malabar, Malang, Indonesia | Dinda Tiara Sukma Agrintya Indah Mawarni Bagus Priyambudi Sueb |
| | 12017406 | Nutritional Potential Of Musa Paradisiaca L. Flour For Microflora Colon | Sulistiastutik Eddy Bagus Wasito Mohammad Hanafi |
| | 12017412 | Study Of Society Interest To Use Water Lake Of Ranuklindungan, Pasuruan, Indonesia | Binti Hifdhotun Al Aslahah, Ika Dewi Sumiati, Nanda Hilda Khikmawati, Ulfatun Hasanah, Sueb |
| | 12017420 | Improving Irrigation Water Quality Using Polyculture Of Emergent, Submerged And Floating Leaf Hidromacrophytes Through Batch Culture System | Catur Retnaningdyah Endang Arisoesilaningasih |
| 3 (14.20 – 14.55) | 12017445 | Identification And Characterization Of Antiviral Natural Compound From Mirabilis Jalapa As A Biopesticides Based On In Silico Models | Dina Maulina Sutiman Bambang Sumitro Mohamad Amin Sri Rahayu Lestari |
| | 12017488 | Quality Status Of Musi River In Palembang City Based On The Analysis Of Escherichia Coli Bacteria | Marlina Ummas Genisa Lia Auliandari |
| | 12017557 | Difference Of Waste Management | Novia Sigma Amalina |

| Session (Time) | Id Paper | Tittle | Authors |
|----------------|----------|---|--|
| | | Process Of Organic Waste Become Compost At Sman 5 Malang And Citizen At Sukun District, Malang, Indonesia | Silvanie Giyanatta Nurul Ika Noviyanti Fetty Hariyanti Sueb |

Parallel 5
 Wednesday, 30th August 2017
 Room Cakrawala 7
 Theme: Biotechnology
 Chairperson: Firda Ama Zulfia & Kuni Mawaddah

| Session (Time) | Id Paper | Tittle | Authors |
|------------------------------------|----------|---|--|
| 1 (15.30 – 15.55) | 12017538 | The Potential Role Of Betatrophin In Hepatocellular Carcinoma And Metabolic Syndrome | Riza Rahayu Ilmawati Sri Rahayu Lestari Abdul Gofur |
| | 12017544 | Isolation And Identification Of Microorganisms In Agarwood Inoculation Starter Kit Of <i>Gyrinops Versteegii</i> (Gilg) Domke That Grown At Wisma Gaharu, Sumber Pucung, Malang | Lenny Yunia Nurwega Endang Suarsini Sitoresmi Prabaningtyas |
| | 12017572 | Characterization Of Bitter Melon Extract On The Metabolism Of Intestinal Cells Related To The Control Of Blood Glucose | Annisa Oktafianti Nurlatifah Hsueh - Ling Cheng |
| 2 (16.00 – 16.25) | 12017577 | Gene Expression Of Raw Starch Digesting A-Amylase (Amyl Iii) In <i>E. Coli</i> | Trisanti Anindyawati |
| | 12017662 | Production Of Keratinase By <i>Bacillus Sp. Md24</i> Under Solid-State Fermentation Using Whole Chicken Feathers | Suharti Uswatun Nurkhasanah |

Parallel 1
 Tuesday, 29th August 2017
 Room Cakrawala 8
 Theme: Biology Education
 Chairperson: Riri Suryadinata & Regia Ilmahani

| Session (Time) | Id Paper | Tittle | Authors |
|------------------------------------|----------|--|--|
| 1 (13.00 – 13.35) | 12017303 | Improving Creative Thinking Ability Through Field Trip Learning On Ecosystem Materials | Septian Nugraha Yusuf Hilmi Adisendjadja Amprasto |
| | 12017315 | Theoretical Study Of The Truth-Seeking Learning Model: Learning Model To Improve The Students' Critical Thinking Disposition. | Achmad Zanuar Ansori Muslimin Ibrahim Wahono Widodo |
| | 12017328 | The Multiple Intelligences As An Alternative Assesment On Environment Topics In Secondary School | Yuliawaty Yusuf Hilmy Adisendjaja Mimin Nurjhani K |
| 2 (13.40 – 14.15) | 12017347 | A Mycology Handout Need Analysis On The Topic Antagonism Between Mold At Biology Department State University Of Malang | Gilang Kurniawan Utami Sri Hastuti Sueb |
| | 12017353 | Needs Analysis Research Based Teaching Materials Animal Physiology S1 Biology Education University K.H. Wahab Hasbullah Jombang | Mustika Ayu Wulansari Sri Rahayu Lestari Abdul Gofur |
| | 12017358 | Empowering Students' Cognitive Learning Outcomes Through Search, Solve, Create And Share (Sscs) Learning Models With Video Media In Biochemistry | Diyah Ayu Widyaningrum Titik Wijayanti |
| | 12017362 | The Transformation Of Conceptual Knowledge To Factual On Biology Activity Manual | Ringga Malia Sri Anggraeni Bambang Supriatno |
| 3 (14.20 – 14.55) | 12017366 | Environmental Worldview Of Students At Universitas Negeri Malang | Firdaus Kona'ah Ajeng W Nur Aini Yayang Setya W Sueb |
| | 12017367 | A Handout Need Analysis For The Mycology Teaching Material On The Topic Antagonism Between Molds At Biology Departement State University Of Malang | Anugrah Aji Pariris Utami Sri Hastuti Fatchur Rohman |
| | 12017371 | Integrating Place Based Education In Biology Learning Through Inquiry To Improve Student's Cognitive Ability And Scientific Attitudes In Sumbawa | Ari Ashari Sakila Pujiangk Ibrohim Hadi Suwono Betty Lukiati |

| Session (Time) | Id Paper | Tittle | Authors |
|----------------|----------|---|---|
| | 12017372 | Investigating Students Cognitive Skills And Scientific Attitude In Biology Learning Implementing Place-Based Education Integrated With Inquiry Activity | Titis Abimanyu Pramudi Akhmad Ferdiansyah Ibrohim Herawati Susilo |

Parallel 2
 Tuesday, 29th August 2017
 Room Cakrawala 8
 Theme: Biology Education
 Chairperson: Riri Suryadinata & Regia Ilmahani

| Session (Time) | Id Paper | Tittle | Authors |
|------------------------------------|----------|--|---|
| 1 (15.30 – 15.55) | 12017381 | Transformation Of Knowladge On Practical Activity Design | Pratiwi Wulandari Sri Anggraeni Bambang Supriatno |
| | 12017382 | The Effectiveness Of Inquiry Based Learning Module To Improve The Learning Outcomes | Dewi Anjani Suciati Maridi |
| | 12017386 | Knowledge And Sensitivity Of High School Students To The Environment | Prasetiyo Mimin Henie Irawati Endang Suarsini |
| 2 (16.00 – 16.25) | 12017401 | The Effect Of Project-Based Learning Assisted Instagram On Environmental Literacy | Sintya Yuliandini Hadi Suwono Sueb |
| | 12017402 | The Effectiveness Of Inquiry Based Instructions Module On Excretory System Material To Improve Student Learning Outcomes In Xi Ipa Class Of Senior High School | I Nyoman Tri Bayu T, S.Pd Dr.Suciati, M.Pd Prof. Dr.Maridi, M.Pd |
| | 12017407 | Challenge Based Learning To Improve Scientific Literacy Of Biology Undergraduate Students | Hadi Suwono Muhammad Saefi Herawati Susilo |
| 3 (16.30 – 16.55) | 12017408 | An Analysis Of Critical Thinking Aspects On Biology Textbook For Twelfth Grade Students Of Senior High School | Arnita Cahya Saputri Sajidan Yudi Rinanto |
| | 12017419 | Perception Of Street Food Traders On Environmental Cleanliness And Participation In Waste Management | Firda Widianti Moniq Indah Setyo Ningsih Adie Lian Amaliyah Amalia Nurul Arfianti Sueb |
| | 12017422 | Monitoring Data Of River Water Pollution In Malang City 2017 | Anisa Meilia Ashoffi Dr. H. Sueb, M.Kes |

Parallel 3

Wednesday, 30th August 2017

Room Cakrawala 8

Theme: Biology Education

Chairperson: Riri Suryadinata & Regia Ilmahani

| Session (Time) | Id Paper | Tittle | Authors |
|------------------------------------|----------|--|--|
| 1 (10.45 – 11.20) | 12017424 | The Influence Of Biology Learning Using Concept Attainment Model And Discovery Learning On The Problem Solving Ability Of Student | Yuliati Maridi Mohammad Masykuri |
| | 12017430 | The Effectiveness Of Excretory System Module Based On Argument-Driven Inquiry To Increase Students' Learning Outcomes | Shinta Devi Amielia Suciati Maridi |
| | 12017436 | Environmental Education: Making Renewable Energy To Supporting The Sustainability Program Of Foods And Energy For Household In Malang, Indonesia | Lely Mardiyanti Mimien Henie Irawati Al Muhdhar Susilowati Endang Budiasih |
| | 12017437 | Be A Great And Classy Teacher With Lesson Study | Evi Fatmawati, M.Pd |
| 2 (11.25 – 12.00) | 12017446 | Implementation Of Guided Inquiry Learning To Improves Critical Thinking Skills And Learning Outcome Of Plantae Topic For X Grade Students Of Sma Negeri 2 Malang | Titisari Dwi Widyastuti Sunarmi Siti Imroatul Maslikah |
| | 12017450 | Prospect Of Stem-Project Learning To Develop Career In Stem Field | Maesarah Hadi Suwono Ibrohim |
| | 12017463 | Effectiveness Of Natural Science Laboratory Use In All Smpn Of District Of Gorontalo Utara" | Elvi Sulfitri Adam Ani Mustapa Hasan Djuna Lamondo |
| | 12017475 | The Development Of Scientific Approach Based Learning Module On Plantae Subject | Ahmad Yani Suradi Tahmir Muhiddin |

Parallel 4
 Tuesday, 30th August 2017
 Room Cakrawala 8
 Theme: Biology Education
 Chairperson: Riri Suryadinata & Regia Ilmahani

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|---|
| 1 (13.00 – 13.35) | 12017491 | Enhancing High School Students's Rebuttals As An Important Aspect Of Scientific Argumentation Skill Through Problem Based Learning | Sindy Nurinda Sajidan Baskoro Adi Prayitno |
| | 12017492 | Analysis Of Biological Creative Thinking Skills At Senior High School Students | Pamula Guruh Prastiwa Anjarwati Sajidan Baskoro Adi Prayitno |
| | 12017498 | Profile Analysis Of Critical Thingking Skills Class Xi Senior High School In Kediri City | Evi Elisanti Sajidan Baskoro Adi Prayitno |
| | 12017510 | Feasibility Study Of Situ Bagendit As A Learning Resource Of Freshwater Biology Courses | Syaris Kamaludin Hertien Surtikanti Wahyu Surakusumah |
| 2 (13.40 – 14.15) | 12017518 | Using Portfolio Assessment Through Wikispaces To Assess Student Communication Skill In Ecosystem Subject | Rosmalinda Nurhubaini Dr. Ana Ratna Wulan, M.Pd Dr. Sariwulan Diana, M.Si |
| | 12017519 | Assesing Student Communication Skills Using Learning Log Assessment Through Seesaw Application | Eva Fadilah Ana Ratna Wulan Sariwulan Diana |
| | 12017522 | Students' Communication Skills Of Biology Education Department Of Riau Islamic University, Indonesia | Nurkhairo Hidayati Siti Zubaidah Endang Suarsini Henry Praherdhiono |
| | 12017535 | The Needs Anlysis Of Monograph As A Teaching Material On Ecology At Biology Departement State University Of Malang | Gigin Ginanjar Suhadi Mimien Henie Irawati |
| 3 (14.20 – 14.55) | 12017536 | Students'self Efficacy On Biology Subject At State-Owned Senior High Schools In Bengkulu City, Indonesia | Apriza Fitriani Siti Zubaidah Herawati Susilo Mimien Henie Irawati Al Muhdhar |
| | 12017543 | The Profil Of Ability To Read Research Article Of Graduate First Year Biology Educational Program In Malang University | Amining Rahmasiwi Herawati Susilo Hadi Suwono |
| | 12017548 | The Critical Thinking Skills Of Senior High School Students In Sumbawa Ntb, Indonesia On Biology Learning | Supratman Siti Zubaidah Aloysius Duran Corebima Ibrohim |

| Session (Time) | Id Paper | Tittle | Authors |
|----------------|----------|---|--|
| | 12017549 | Students' Critical And Creative Thinking Skills Of Biology Lesson In Senior High School Of Malang City, Indonesia | Ika Dewi Sumiati Susriyati Mahanal Siti Zubaidah |

Parallel 5
 Wednesday, 30th August 2017
 Room Cakrawala 8
 Theme: Biology Education
 Chairperson: Riri Suryadinata & Regia Ilmahani

| Session (Time) | Id Paper | Tittle | Authors |
|------------------------------------|----------|--|---|
| 1 (15.30 – 15.55) | 12017553 | Improving Critical Thinking Skills At Different Students' Academic Ability Trough Remap-Stad Learning Model | Farqiyatur Ramadhan Miswandi Tendrita Nur Ismirawati Susriyati Mahanal Siti Zubaidah |
| | 12017554 | Development Of Plant Tissues Culture Learning Tools Contain Character Values | Nur Ismirawati Endang Kartini Mimien Henie Irawati |
| | 12017558 | Problem Solving Skills And Cognitive Learning Outcomes Of Biology Lesson In Senior High School Students Of Malang, Indonesia | Tri Maniarta Sari Susriyati Mahanal Siti Zubaidah |
| 2 (16.00 – 16.25) | 12017559 | Creative Thinking Skills At Different Student's Academic Ability Through Biology Learning Model Based Reading Concept Map Think Pair Share (Remap-Tps) | Miswandi Tendrita Farqiyatur Ramadhan Nur Ismirawati Susriyati Mahanal Siti Zubaidah |
| | 12017563 | Learning Of Biotechnology In Class Xii Ipa With Applying The Project Of Hydroponic Planting Using Used Items And Implications On Salingtemas | Nur Umami Rosidah |
| | 12017380 | Smartbooks Medical Plants As Media In Improving Knowledge Of Ngadas Village Malang | Hajmia Guswika Suhadi Sri Endah Indriwati |

Parallel 1
 Tuesday, 29th August 2017
 Room Cakrawala 9
 Theme: Science Education
 Chairperson: Siti Aisyah & Karas Bastomi

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|--|
| 1 (13.00 – 13.35) | 12017035 | The Role Of Social Distance Between Teachers And Students In English Proficiency At Mtsn Model Sumber Bungur Pakong | Mohammad Amiruddin Sri Harini |
| | 12017061 | Quick Response Code (Qr Code)- Assisted Media Interactive Of Pterydophyta For High School Students | Lia Kusuma Wardani Sunarmi |
| | 12017181 | Thai High School Students' Learning About Ellipse Properties With Computer Assisted Learning Through Geogebra Software | Suphanat Setthaphongkorn, Chokchai Yuenyong |
| | 12017064 | Development Of Teaching And Learning Materials Enzymes And Metabolisms Based On Animation Video For Student 12th Grade Sma Negeri 3 Malang | Muhammad Mustofa Yusuf Mohamad Amin, S.Pd, M.Si, Dr. Agr. Prof. Nugrahaningsih, Ir, M.P. |
| 2 (13.40 – 14.15) | 12017067 | Designing Learning Model In Learning Science Conservation Characterized With Local Wisdom Approach In Elementary School | Elya Nusantari Ramli Utina Abubakar Sidik Katili Yowan Tamu |
| | 12017076 | Effect Of Dao Jiang Ping (Djp) Model Based Module On Learning Result Of Xi Class Students | Anggit Sasmito Suciati Maridi |
| | 12017245 | Developing Stem Education Learning Activities For Thai Kindergarten School Students: Constructing Central Plaza | Arunothai Koonphatee Mantana Kongpa Porntipa Thongsook Chokchai Yuenyong |
| | 12017087 | Teaching Inquiry In The Indonesian Cultural Context: Correlation Between Science Teachers' Cultural Background And Perception About Inquiry-Based Teaching | Suciati Chrisnia Octovi |
| 3 (14.20 – 14.55) | 12017096 | An Investigation Of Student's 21st Century Skills Among Science Student In Malang | Rahmania Pamungkas, S.Pd Dr. Hadi Suwono, M.Si Prof. Dra. Herawati Susilo, M.Sc, Ph.D |
| | 12017421 | Developing The Playground Stem Education Learning Activities For Thai Secondary School Students | Kamonrat Martmee Chokchai Yuenyong |

| Session (Time) | Id Paper | Title | Authors |
|----------------|----------|--|---|
| | 12017469 | Developing The Floating Restaurant Stem Education Learning Activities For Thai Secondary School Students | Chwancganok Theerasan Chokchai Yuenyong |
| | 12017128 | Challenge Based Learning Potential To Empowering Student's Collaboration Skill | Nova Fitriani Wahdahhadi Suwono, Munzil |

Parallel 2
 Tuesday, 29th August 2017
 Room Cakrawala 9
 Theme: Science Education
 Chairperson: Siti Aisyah & Karas Bastomi

| Session (Time) | Id Paper | Tittle | Authors |
|------------------------------------|----------|---|---|
| 1 (15.30 – 15.55) | 12017129 | Student's Problem Solving Skills On Law Of Momentum's Conservation | Dina Prihartanti |
| | 12017141 | The Effectiveness Of The Digestive System Module Based On Nature Of Science In Improving Science Process Skills Of High School Students | Yosef Firman Narut Maridi Puguh Karyanto |
| | 12017203 | Developing STEM Education Learning Activities of the Global Warming Reduction Plant Pot | Vithiwat Raksaphakdee, Chokchai Yuenyong |
| 2 (16.00 – 16.25) | 12017148 | Effectiveness Of Contextual Learning On The Ability Of Science Literacy Of Junior High School Students In Subject Digestion System | Ria Gustina Yuliani Budi Jatmiko |
| | 12017155 | Development Of Science Teaching And Learning Materials Based On Inquiry Model To Mastery Student's Learning Achievement And Improve Student's Critical Thinking Skills. | Syarifuddin |
| | 12017157 | The Prototype Validity Of Aricesa Based Learning Tools In Natural Science Concept For Prospective Elementary School Teachers | Rahyu Setiani Gaguk Resbiantoro Aldila Wanda |
| 3 (16.30 – 16.55) | 12017162 | The Development Of Physics Learning Material Based On The Floating Market Local Wisdom | Sri Hartini Syubhan Annur Listiana Prahesti Dewi Dewantara |
| | 12017163 | The Development Of Solar System Module Containing The Al-Qur`An Verses To Train The Local Wisdom Character | Mastuang Misbah Artoni Yahya |

Parallel 3

Wednesday, 30th August 2017

Room Cakrawala 9

Theme: Biology Education

Chairperson: M. Taufik & Najatul Ubadati

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|---|
| 1 (10.45 – 11.20) | 12017588 | Sustainable Reserve Food Garden (Srfg): Development Of A Booklet For The Society | Delvi Adri Mimien Henie Irawati Sueb |
| | 12017589 | Improving Critical Thinking Skill Through Learning Module Of Reproductive System Material With Problem Based Learning (Pbl) | Herlizza Basyarotun Amaliah Murni Saptasari Masjhudi |
| | 12017597 | Measurement Of Students' Scientific Attitudes At Stkip Pembangunan Indonesia Makassar | Andi Andariana Siti Zubaidah Susriyati Mahanal Endang Suarsini |
| | 12017601 | The Effect Of Inquiry Learning Instrument Based On Freshwater Fishpond Of Student Environmental Awareness Attitude | Vilda Rima Aulia Zahroh Ibrohim Sueb |
| 2 (11.25 – 12.00) | 12017604 | Development And Validation Of Learning Tools Gittw Strategy To Empower Self Regulation Skills | Lina Listiana Peni Suharti |
| | 12017619 | The Differences Cognitive Learning Achievement In Class Of Guided Inquiry Integrated To Nht (Numbered Heads Together) And Guided Inquiry Of Ma Almaarif Singosari | Anggrasti Megah Insani Murni Saptasari Masjhudi |
| | 32017004 | The Creativity Of Students And Lecturers Of Biology Education Program Fmipa Um In Selecting Skripsi Research Problem Year 2014-2016 | Herawati Susilo |
| | 12017666 | The Impact Of Module With Think Pair Share (Tps) Learning Strategy On Critical Thinking Skill Of Malang Vocational High School Students | Husnul Chotimah Herawati Susilo Mimien Henie Irawati Al Muhdhar Ibrohim |

Parallel 1
 Tuesday, 29th August 2017
 Room Cakrawala 10
 Theme: Science Education
 Chairperson: Tismen Yoga Pradana & Lutfi Maulida

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|--|--|
| 1 (13.00 – 13.35) | 12017165 | Meta-Analysis Of Student Metacognitive Skills On The Research Of Biology Education Students Of State University Of Malang | Inti Firdaus, S.Pd Prof. Dr. A. Duran Corebima, M.Pd Dr. Ibrohim, M. Si |
| | 12017172 | The Interpretation Of Thai Kindergarten Students' Making Sense Of Velocity | Introng Nitayarote Chokchai Yuenyong |
| | 12017176 | Effectiveness Of Guided Discovery Learning Model To Improve Students' Critical Thinking Skills On Photosynthesis And Respiration | Dian Noer Asyari Sifak Indana M. Thamrin Hidayat |
| | 12017178 | Developing Professional Development Model For Physical Education, Sports, And Health Primary School Teachers In Learning Organizing | Mu'arifin Nurhasan Suroto |
| 2 (13.40 – 14.15) | 12017192 | Effectiveness Of Chemistry Learning Package Based On Guided Inquiry Model To Develop Student's Entrepreneurial Character | Linda Wirianty Sri Poedjiastoeti Erman |
| | 12017196 | The Analysis Of Scientific Reasoning Questions Of Junior High School Students On The Light Material With Rasch Model | Mustika Wati Saiyidah Mahtari Sri Hartini Heny Amelia |
| | 12017205 | Experiential Learning And The Effect Of Self- Efficacy In Collaborative Instructional (Case Study At One Roof School Of Pantai Baru Sub-District Rote Ndao District) | Yetursance Yulsiana Manafe |
| | 12017209 | Development Of Learning Material With Inquiry Model And Portfolio As Assessment As Learning On Static Fluid Learning In Senior High School. | Dzikroh |
| 3 (14.20 – 14.55) | 12017214 | Examining Thai In-Service Teachers' Visualization Of Stem Education | Nopporn Sangatith Jiraporn Tupsai Chokchai Yuenyong |
| | 12017230 | The Development Of Pop Up Book As Learning Media To Improve Effectiveness Of Learning And Critical Thinking Ability On Respiratory System Material On Grade Viii | Rachma Murtisari Prihastanti Muslimin Ibrahim Tjipto Haryono |
| | 12017234 | Development Of Guided Inquiry Learning Based Of Learning Science To | Ridwan Hamzah A |

| Session (Time) | Id Paper | Title | Authors |
|-------------------|----------|---|--|
| | | Improve Student Learning Achievement Of Junior High School Material Of Energy In Living System | |
| | 12017085 | Development Of High School Biology Course Evaluation Instrument Basic Competency Class 10 And Class 11 In 4 Private High School Malang City | Triastono Imam Prasetyo Masjhudi, Sitoresmi, Agung Witjoro Sofia Erry Rahayu Wawan Yuliatiningsih Tania Puspa Chandra Atika Anggraini Nanifa Fitria Ratri |

Parallel 2
 Tuesday, 29th August 2017
 Room Cakrawala 10
 Theme: Science Education
 Chairperson: Tismen Yoga Pradana & Lutfi Maulida

| Session (Time) | Id Paper | Tittle | Authors |
|------------------------------------|----------|--|--|
| 1 (15.30 – 15.55) | 12017253 | Developing Stem Education Learning Activities Of Constructing The Lamp From Recycle Materials | Benyaphat Muangkhaew Chokchai Yuenyong |
| | 12017262 | Development The Learning Materials Based On Guided Inquiry To Fascilitate Junior High School Students' Critical Thinking Skill | M. Thamrin Hidayat |
| | 12017266 | Development Of Problem-Based Learning (Pbl) -Based Chemical Module For Improving The Traffic Of Critical Thinking Ability High School Students Of Class Xi On Colloid Material. | Gama Wardian Pratama Ashadi Nurma Yunita Indriani |
| 2 (16.00 – 16.25) | 12017279 | Developing Learning Material Of Inquiry Model With Know, Want, Learn (Kwl) Method To Train The Student's Critical Thinking And Understanding Concepts Of Static Fluid Learning At Senior High School | Lutvi Dwi Aprilia, S.Pd |
| | 12017290 | Domino Science Card As An Innovation Of Science Learning Media To Junior High School | Indah Aulia Rachmawati Dewi Nuris Afisah Lina Setiawati |
| | 12017296 | Examining Thai Pre-Service Teachers' Existing Ideas About Stem Education | Sukanya Sutaphan Chokchai Yuenyong |
| 3 (16.30 – 16.55) | 12017305 | Contribution Of Mastery Of Knowledge And Science Process Skills To The Scientific Creativity Of Junior High School Students | Zulkarnaen Z.A. Imam Supardi Budi Jatmiko |
| | 12017324 | Science Learning Model For Improving Argumentation Skill Junior High School Students | Rini Astuti Suyono Mohammad Nur |

Parallel 3
 Wednesday, 30th August 2017
 Room Cakrawala 10
 Theme: Science Education
 Chairperson: Tismen Yoga & Lutfi Maulida

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|--|
| 1 (10.45 – 11.20) | 12017331 | Preservice Primary School Teachers' Difficulties In Understanding Kinematics Graph | Rosita Putri Rahmi Haerani |
| | 12017334 | A Study Literature Of Science Process Skill Toward Deaf And Hard Of Hearing Students | Ediyanto Iva N. Atika Masashi Hayashida Norimune Kawai |
| | 12017350 | Development Assessment Instrument Of Higher Order Thinking Ability On Hearing System And Sonar System Materials For Junior High School | Lia Puji Lestari Vita Ria Mustikasari Munzil |
| | 12017351 | Geographic Information System Application For Identifying Distribution Of Rice Crops Land Suitability As Controlling Rice Food Availability: Case Study In Bulukumba Regency, South Sulawesi Province | Ghinia Anastasia Muhtar Tarsoen Waryono2 Tito Latif Indra |
| 2 (11.25 – 12.00) | 12017352 | Development Two-Tier Diagnostic Instrument Of Substance Pressure Concept For 8th Grade Junior High School | Miftakhul Annisa Vita Ria Mustikasari Munzil |
| | 12017364 | Integrated Learning Profile In Science Subjects At Junior High School | Soesy Sri Wulandari Prabowo Za.Imam Supardi |
| | 12017368 | Comparison Of 4rsc Strategy For Solid Waste Management At Universitas Negeri Malang | Amalia Nur Latifah Aprilia Aurelly Putri Fauzi Dliya Amalia Novela Memiasih |
| | 12017374 | Survey Of Graduates Attitudes Toward Research | Dian Tauhidah, S.Pd Prof. Dra. Herawati Susilo, M.Sc., Ph.D Dr. Hadi Suwono, M.Si |

Parallel 4
 Tuesday, 30th August 2017
 Room Cakrawala 10
 Theme: Science Education
 Chairperson: Tismen Yoga Pradana & Lutfi Maulida

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|---|
| 1 (13.00 – 13.35) | 12017391 | Multidisipliner And Transdisipliner Design To Teach Problem Solving Skills | Avia Riza Dwi Kurnia Toto Nusantara Muslimin Ibrahim Wahono Widodo |
| | 12017410 | A Study Of Science Technology Society Environment (Stse) Approach In Jigsaw Cooperative Learning Towards Students Achievement And Motivation | Desy Kriswintari Z.A Imam Supardi Sri Mulyaningsih |
| | 12017411 | Developing Assessment Instruments Of Science Process Skills In Primary School | Rossi Anggraini |
| | 12017110 | The Level Of High School Students' Environmental Literacy In The City Of Denpasar: A Survey Study | I Made Surya Hermawan Hadi Suwono Herawati Susilo |
| 2 (13.40 – 14.15) | 12017433 | Spatial Analysis For Dengue Fever In Surabaya City In 2016 | Henriesca Sandra Ayu Henna Rya Sunoko |
| | 12017444 | Analysis Of The Relationship Visual Spatial Ability To The Learner Performance In Stoichiometric Problem Solving At Senior High School | Muhammad Zainur Rifa'i Herunata Ida Bagus Suryadharma Muhammad Su'aidy |
| | 12017459 | Scientific Explanation Of Light Through Phenomenon-Based Learning On Junior High School Student | Khoirotul Islakhiah Sutopo Lia Yulianti |
| | 12017124 | Patrap Triloka Ethno-Pedagogy With Research-Based Learning Settings To Develop Capability Of Pre-Service Science Teachers: Literature Review | Hasan Subekti Herawati Susilo |
| 3 (14.20 – 14.55) | 12017478 | Developing Science Teaching Material Based Sets (Science, Environment, Technology And Society) Approach On Biotechnology Theme For 9th Grade Junior High School | Widiya Lutfiani Safwatun Nida, S.Si., M.Pd Erni Yulianti, S.Pd., M.Pd |
| | 12017516 | Developing Higher-Order Thinking Skills (Hots) Through Inquiry Based Learning: Learning Innovation Using Lc-5e Model | Gita Ayu Septyana Metri Dian Insani Vita Ria Mustikasari |
| | 12017578 | The Senior High School Students' Attitudes In Indonesia Towards Stem | Lestari Widodo Lia Yulianti |

| Session (Time) | Id Paper | Title | Authors |
|----------------|----------|---|--|
| | | Education | Parno |
| | 12017579 | Design And Development Of Student Worksheet With Writing-To-Learn Strategy On The Chemistry In Daily Life Topic For Hearing Impairment Students | Sri Poedjiastoeti Dian Novita Wagino Miseri |

Parallel 5
 Wednesday, 30th August 2017
 Room Cakrawala 10
 Theme: Science Education
 Chairperson: Tismen Yoga Pradana & Lutfi Maulida

| Session (Time) | Id Paper | Title | Authors |
|------------------------------------|----------|---|--|
| 1 (15.30 – 15.55) | 12017585 | The Application Of Inquiry Learning Based Lesson Study | Farida Nur Kumala |
| | 12017599 | Elementary Teachers' Integrated Science And Bahasa Pedagogical Content Knowledge Profile | Novi Yanthi Margaretha Sri Yuliariatiningsih |
| | 12017664 | Development Of Learning Science Tools With Role Playing Model To Improve Junior High School Student Learning Result | Indah Karunia |
| 2 (16.00 – 16.25) | 12017667 | Improving Students' Creative Thinking Skills On Elasticity Subject Using Problem Based Learning (Pbl) | John Rafafy Batlolona Wartono Markus Diantoro Eny Latifah |
| | 12017668 | Design And Development Of Student Worksheet With Writing-To-Learn Strategy On The Chemistry In Daily Life Topic For Hearing Impairment Students | Sri Poedjiastoeti Dian Novita Wagino Miseri |
| | 32017026 | The Analyze Of Teaching Material With Inquiry Approach To Understand The Concept Of Human Respiration System In Junior High School | Erni Yulianti Nisa Nur Zakiyah Susriyati Mahanal |
| | 12017143 | The Development Of Marine Gastropods Encyclopedia In East Java For University | Eryk Hoyer Larsen Aloysius Duran Corebima Fatchur Rohman |

PRESENTATION SCHEDULE

Parallel 4

Tuesday, 30th August 2017

Room Cakrawala 9

Theme: Biology Education and Science Education

Chairperson: M. Taufik & Najatul Ubadati

| Session (Time) | ID Paper | Title | Authors |
|------------------------------------|----------|---|---|
| 1 (13.00 – 13.35) | 12017276 | Analysis of Biology Final Test in the Even Semester of the Tenth Grade at Public Senior High School in Blitar and Compatibility with Curriculum 2013 | Elfa Sa'diyah |
| | 12017274 | The Analysis of Item Test of Biology Mid Semester Test in Odd Semester at Private Senior High School in Grade X, XI, and XII in Academic Year 2016/2017 in Blitar City, East Java | Hanum Anisatuz Zuhro |
| | 12017500 | Characteristic Of Highschool and Higher Education Student's Concept Map | Ardian Anjar Pangestuti Siti Zubaidah |
| | 12017480 | Exploration of Local Potential for Senior High School Student's Learning Resources | Nur Asmaul Khusna Sri Endah Indriwati Betty Lukiati |
| 2 (13.40 – 14.15) | 12017379 | Guided Inquiry-Blended Learning (GI-BL) to Improve Critical Thinking of Undergraduate Biology Students | Widi |
| | 12017062 | Analysis of Retention and Information Communication Technology Literacy of Student of Biology Teacher for Virtual Laboratory Development in Genteics Subject | Dewi Murni |
| | | | |

PRESENTATION SCHEDULE

Parallel 1

Tuesday, 29th August 2017

Room O3 100

Theme: Material Science and Technology

Chairperson: Ahmad Kamal Sudrajat & Andy Heppi Risma Jaya

| Session (Time) | ID Paper | Title | Authors |
|------------------------------------|----------|---|--------------------------------------|
| 1 (13.00 – 13.35) | 12017629 | Characteristics of ZnO Nanorods/ Perovskite Solar Cell | Ifa Kumala Rohmatul Nandang Mufti |
| | 12017114 | Flavonoid Extraction of Pterocarpus indicus w. Latex-doped TiO ₂ Nanoparticles | M Reynaldi Iqbal |
| | 12017126 | Microstructure and Electroconductivity using Silver Nano Particles of Pterocarpus Indicus W. Extracts Films | Sajida |

PRESENTATION SCHEDULE

Parallel 1

Tuesday, 29th August 2017

Room O3 102

Theme: Mathematics Education

Chairperson: Inovira Riesnawati & Ida Fitria Rahmawati

| Session (Time) | ID Paper | Tittle | Authors |
|--|----------|--|-----------------------|
| 1 (3.30 pm – 3.55 pm) | 12017383 | Thinking Straight Intuitively in Solving Problem of Confersing of Sequence | Nurhanurawati hari |
| | 12017528 | The Importance of cognitive physiology in Mathematics learning and students creativity | Wahyudi |
| | 12017254 | Analogical reasoning in solving combinatorial problems by upper secondary school students of some personality type | Agustin Tika Maya |
| | 12017624 | Students misanalogical constiation in cognitive | Andi Fajerini Wyrasti |
| 2 (4.00 pm – 4.25 pm) | 12017335 | Detecting Spatial Patterns of ARI Patients Using Cokriging Method: A Case Study in Banjarmasin South Kalimantan | Dewi Sri |
| | 12017395 | The Analysis of Statical Reasoning from The Perspective of Cognitive Style | Yusfita Yusuf |
| | | | |
| 3 (4.30 pm – 4.55 pm) | | | |
| | | | |
| | | | |
| | | | |

POSTER

| No | ICOMSE ID | Nama | Judul |
|-----|-----------|--------------------|---|
| 1. | 12017062 | Dewi | Analysis Of Retention And Information Communication Technology (Ict) Literacy Of Student Of Biology Teacher For Virtual Laboratory Development In Genetics Subject |
| 2. | 12017184 | Mimien Henie | Development Of Organic Residential Area Model Post Pilot Project Of Zero Waste Zone In Supporting Public Economy And Government Programs Of Food Reserved Garden |
| 3. | 12017429 | Novan | Mathematical Modelling Of Biomassa Pirolysis Process Using Discretization Method |
| 4. | 12017473 | Arwanto | Profile Of Intuition Of Mathematics Education In Missing Mathematics Problem |
| 5. | 12017602 | Munzil | Students Interaction Pattern In Online Learning: A Study At Educational Chemistry Department, State University Of Malang |
| 6. | 12017630 | Pipit | In Vitro Effect Of Sucrose Level And Explant Variant For Callus Induction Of Stevia (Stevia Rebaudiana Bertoni) |
| 7. | 12017671 | Margaretha | Elementary Teachers' Integrated Science And Bahasa Pedagogical Content Knowledge Profile |
| 8. | 12017672 | Leli | Elementary Teachers' Integrated Science And Bahasa Pedagogical Content Knowledge Profile |
| 9. | 32017012 | Aloysius Duran | The Potential Of Rpqss (Reading, Practicing, Questioning, Summarising And Sharing) Learning Model To Empower Student Critical Thinking Skills Of Biology Learning At Senior High Schools In Malang |
| 10. | 12017134 | vivi | Abundance And Dominant Microbe On Different Ages Of Coal Mine Overburden Dumps In Satui, South Kalimantan |
| 11. | 12017139 | Lailatul | Antibacterial Activity Test On Methanolic Extract Of Half-Ripe Papaya (Carica Papaya L.) Towards Staphylococcus Aureus Bacterial Growth |
| 12. | 12017191 | Erni | Effect Of Purple Sweet Potato (Ipomoea Batatas (L.) Lamb.) And Black Soybean (Glycine Soja (L.)) Flour Against Expression Of Ros And Necrosis Of Pancreatic B Cells In Rat (Rattus Novergicus) Diabetes Mellitus Type 2 Model |
| 13. | 12017215 | Yasinta Ratna Esti | Expression Of Mlx56 Gene Family In Different Varieties Of Mulberry (Morus Spp.) |
| 14. | 12017329 | Nia | Antibacterial Activity Test Of Bandotan (Ageratum Conyzoides L.) Leaf Juice As Basic Ingredient Of Hand Sanitizer |
| 15. | 12017340 | Susilo | The Effectiveness Inquiry-Based Module To Empower Students Critical Thinking Skills |
| 16. | 12017342 | purwadi | Effect Of Cr2O3 Addition In A-Quartz On Crystal Phases And Surface Morphology A-Quartz |
| 17. | 12017378 | zuri | Optimization Of Alizarin Red S And Time For Paper Based Device Of Cadmium Using Digital Color Image Analysis |
| 18. | 12017390 | Sunarmi | Implementation Of Ppg Sm3T In Biology State University Of Malang |
| 19. | 12017392 | Abdul | Effects Of Black Soybean (Glycine Soja (L.)) And Purple Sweet Potato (Ipomoea Batatas (L.) Lamb.) On Ros Expression In Testes And Quality |

| No | ICOMSE ID | Nama | Judul |
|-----|-----------|--------------|---|
| | | | Sperm Of Rat (Rattusnovergicus) Diabetes Mellitus Type 2 Model |
| 20. | 12017415 | Betty | Identification Bioactive Compounds In Exudate Of Chrysantemum Shoot Multiplication |
| 21. | 12017474 | Suhartono | Integron-Mediated Multidrug Resistant E. Coli From Effluent And Stream Water: Transmission And Persistence |
| 22. | 12017508 | Diwyacitta | Characterization Of The Effect Of Bacillus Amyloliquefaciens Exopolysaccharides On The Activation Bitter Taste Receptors On The Intestinal Epithelial Cells |
| 23. | 12017515 | Siti Nur | Anti-Inflammatory Effect Of Garlic Compound To Prevent Atherosclerosis Via Tumor Necrotic Factor A (Tnf-A) |
| 24. | 12017524 | Murni | Relationship Between Metacognitive Skills And The Cognitive Learning Results Of Cell Material Through Guided Inkuiri Models |
| 25. | 12017538 | Hendra | The Potential Role Of Betatrophin In Hepatocellular Carcinoma And Metabolic Syndrome |
| 26. | 12017542 | Sueb | The Influence Of Fire On Biomass Weight Of Herbs In Lowland And Highland |
| 27. | 12017545 | nuning | Administration Of Extract Red Sirih (Piper Crocatum) Toward The Number Cd4+ And Cd8+ Cells Rheumatoid Arthritis Mice (Mus Musculus) Model |
| 28. | 12017556 | Umie | Uv Irradiation Enhanced Invitro Cytotoxic Effects Of Zno Nanoparticle On Breast Cancer Cell Mcf |
| 29. | 12017563 | Nur Umami | Learning Of Biotechnology In Class Xii Ipa With Applying The Project Of Hydroponic Planting Using Used Items And Implications On Salingtemas |
| 30. | 12017564 | Anugrah | Bcr Sequential Leaching For Geochemical Fractions And Assessment Of Fe, Ni, And Mn In The Coastal Sediments Sendang Biru Port, East Java, Indonesia |
| 31. | 12017566 | Sulisetijono | Suitability Analysis Of Lesson Plan And Its Implementation Of Biology Instruction In Senior High School Class X Even Semester 2016/2017 |
| 32. | 12017568 | Anugrah | Distribution And Assessment Of Fe And Mn In The Coastal Sediments Sendang Biru, East Java, Indonesia |
| 33. | 12017573 | EKO | The Exploration Of Ficus L. In Bangkalan-Madura |
| 34. | 12017576 | Nursasi | Characterization Of The Active Ingredients Of Propolis As An Antifertility Agent |
| 35. | 12017577 | Trisanti | Gene Expression Of Raw Starch Digesting α -Amylase (Amyl Iii) In E. Coli |
| 36. | 12017586 | Wijaya | Production And Application Of Aggregate Manganese Zeolite Green-Sand Using Post Cartridge Micron As Absorbent Of Fe And Mn Ions |
| 37. | 12017608 | Kirana | Structural And Toxicity Properties Of Fe ₃ O ₄ @SiO ₂ Core-Shell Prepared From Natutral Resources |
| 38. | 12017627 | Sueb | Comparison Of Environmental Worldview Of Students From Different Study Programs At Universitas Negeri Malang |
| 39. | 12017633 | Sitiresmi | Relationship Of Bacterial Vertical Distribution With Abiotic Factor In Ranu Pane, Ranu Regulo And Ranu Grati, East Java |

| No | ICOMSE ID | Nama | Judul |
|-----|-----------|-----------|--|
| 40. | 12017637 | Sri Endah | Empowering Living Healthy Character In Lower Community: Problem Analysis And Strategic Solution By Local Resources In Malang Regency |
| 41. | 32017004 | Herawati | The Creativity Of Students And Lecturers Of Biology Education Program Fmipa Um In Selecting Skripsi Research Problem Year 2014-2016 |
| 42. | 32017009 | Endang | Qualitative Analysis Review Of The Research And Development Sub-Topic Bioremediation Of Industrial Liquid Wastes Using Indigenous Bacteria |
| 43. | 32017017 | FATCHUR | Plants Biodiversity As An Ecosystem Monitoring Around The Electric Power Of Paiton Area, Probolinggo, East Java |

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