



## LIST SCHEDULE OF PARALLEL SPEAKERS AND PRESENTATIONS ISBBE 2018

### APPLIED BIOLOGY

Monday, October 29 Parallel Session 1 Room : V (Langengito)	
AB.01 (15.00-15.10)	<b>Cytoprotective Effects Of HeLa Cells by Crude Extract Of <i>Sargassum cristaefolium</i> Against Ultraviolet-A Irradiated Damage</b> <i>Brigitta Amara .F.D. Geraldine, Selamet Kurniawan Riandinata, Novita Nufus, Candra Dwipayana Hamdin, Eka Sunarwidhi Prasedya, Aluh Nikmatullah, Ahmad Jupri, Haji Sunarpi,</i>
AB.02 (15.10-15.20)	<b>Increasing <i>Rhyncostylis retusa</i>'s Callus Formation by Immersing Explant in Ascorbic Acid and Planting on Activated Charcoal Contained Medium</b> <i>Ixora Mercuriani, Evy Yulianti</i>
AB.03 (15.20-15.30)	<b>Production of Xylanase and Cellulase by <i>Trichoderma harzianum</i>: A Comparative Study</b> <i>LGA Ong, JJ Tiong and YS Kok</i>
AB.04 (15.30-15.40)	<b>Testosterone Level and Male Genital Formation of Juvenile Redclaw Crayfish After Immersion in Sea Cucumber's Steroid Extract (SCSE)</b> <i>Gregorius Nugroho Susanto, Sutyarso, Tri Rustanti</i>
AB.05 (15.40-15.50)	<b>Investigation Oviposition Behavior of <i>Aedes aegypti</i> in Difference Colored Water Container at Pagutan District, Mataram City</b> <i>Munaawir Sazali</i>





<b>AB.06</b> (15.50-16.00)	<b>Population Dynamics of <i>Auricularia delicata</i> Fruit Bodies Along with All Measured Environmental Factors Changes in Bingungan Forest, Turgo Natural Forest Conservation Area</b> <i>D. Prasetiya and T. Aminatun</i>
<b>AB.07</b> (16.00-16.10)	<b>Potency and Tannin Identification of 4 Species Pterydophyta from Baluran Nasional Park</b> <i>Eko Sri Sulasmi, Murni Saptasari, Kuni Mawaddah, Leviana Erinda</i>
<b>AB.08</b> (16.10-16.20)	<b>Endophytic Bacteria From Tomato Plants (<i>Ralstonia solanacearum</i>) in Highland and Lowland</b> <i>Arika Purnawati, Noni Rahmadhini , Elly Syafriani</i>
<b>Tuesday, October 30</b> <b>Parallel Session 2</b> <b>Room : V (Langengito)</b>	
<b>AB.09</b> (08.30-08.40)	<b>Obvara Firing Revisited: An Alternative Application of Sea Mud Slurry</b> <i>YC Kam and LGA Ong</i>
<b>AB.10</b> (08.40-08.50)	<b>The Effect of Differentiation of Hydrolysis Time Towards Ethanol Levels Produced Through <i>Ulva lactuca</i> Fermentation</b> <i>Hendrika Micelyn Amelia Ngamput and Retno Herrani</i>
<b>AB.11</b> (08.50-09.00)	<b>Use of Mung Bean Sprout (Tauge) as Alternative Fungal Growth Medium</b> <i>Miftahul Ilmi, Larasati K. Putri, Akhowarizmi A. K. Muhamad,</i> <i>Ani Choliso, Syamsul A. Ardiansyah</i>





<b>AB.12</b> (09.00-09.10)	<b>Extraction and Identification of Terpene Compound Based on ` Different Solvent to Young <i>A.malaccensis</i> Tree</b> <i>Husni Ibrahim, Mohd Fauzi Elias, Wan Rusmawati Wan Mahamod, Haniza Hanim Mohd Zain</i>
<b>AB.13</b> (09.10-09.20)	<b>Development of Immunohistochemical Triple Staining Method for The Evaluation of Different Types of Cell Death in Coronary Thrombus</b> <i>Kartika R Pertiwi, Onno J de Boer, Pauline Gabriels, Claire Mackaaij, Allard van der Wal</i>
<b>AB.14</b> (09.20-09.30)	<b>The Use of Teak Leaves (<i>Tectona grandis</i>) as Alternative Plantation Media for White Oyster Mushroom (<i>Pleurotus ostreatus</i>)</b> <i>Ignasia Margi Wahyuni, Puspita Ratna Susilawati</i>
<b>AB.15</b> (09.30-09.40)	<b>Environmental Conservation Through Study Value of Bali Community Culture</b> <i>Nyoman Wijana, I Gusti Agung Nyoman Setiawan, Sanusi Muliadiharja</i>





## LIST SCHEDULE OF PARALLEL SPEAKERS AND PRESENTATIONS ISBBE 2018

### ***BIOLOGY***

Monday, October 29	
Parallel Session 1	
Room : III (Langendrio)	
<b>B.01</b> (15.00-15.10)	<b>Impact Bacteria of <i>Syzygium aromaticum</i> (L.) Merr.&amp; Perry: on Ageing Mice Balb/C</b>  <i>Theopilus Wilhelmus Watuguly, Ine Arini, Alwi Smit, Nur Matdoan, Ferymon Mahulette, Dwi Retna Prihati, Ana Bina Sari, Didik Wahyudi, Tri Rini Nuringtyas, Nastiti Wijayanti, Pudji Astuti, Syahran Wael</i>
<b>B.02</b> (15.10-15.20)	<b>Isolate Lactic Acid Bacteria (Lab) Of Domestic Chicken (<i>Gallus-gallus domesticus</i>) As A Probiotic Candidate for Broiler Chicken</b>  <i>Heru Nurcahyo, Evy Yulianti, Himatul Hasanah, and Desi Dwi Ariyanti</i>
<b>B.03</b> (15.20-15.30)	<b>Inhibitory Activity of Several Types of Seaweeds to <i>Aspergillus flavus</i> Fungi</b>  <i>Ketut Srie Marhaeni Julyasih</i>
<b>B.04</b> (15.30-15.40)	<b>Exercise Training Potentially Decrease The Risk of Osteoporotic by ERK (Extracellular Signal Regulated Kinase) 1/2 Expression Activation (Study on Ovariectomized Rat)</b>  <i>Nurul Mahmudati, Poncojari Wahyono, Hawin Nurdiana</i>
<b>B.05</b>	<b>Toxicity of Stem Bark Whole Extract of <i>Plumeira rubra</i> L on T47D Cells and Lymphocytes</b>





(15.40-15.50)	<i>Nur Kuswanti, Sri Widyarti, Widodo, Muhaimin Rifa'i</i>
<b>B.06</b> (15.50-16.00)	<b>An Examination of The Medicinal Potential of <i>Pneumatopteris callosa</i>: Phytochemical Screening and Antibacterial Activity</b> <i>Retno Novvitasari Hery Daryono, Mei Rhomawati</i>
<b>B.07</b> (16.00-16.10)	<b>Characterization of <i>Pseudomonas stutzeri</i> Outer Membrane Proteins and Pseudomonas Response Profile of Antibiotics-Piper Betel Leaf Extract</b> <i>Dini Aulia Cahya, Abdullah Dolah Dalee, Umie Lestari, Endang Suarsini, Khosiya Sali &amp; Phurkonni Salaeh</i>
<b>B.08</b> (16.10-16.20)	<b>The Effect of Solvent Astaxanthin on Protein Environment</b> <i>M Irsyad Nur, Wulida Khoirunnisa, Sri Widyarti, Sutiman B. Sumitro</i>
<b>B.09</b> (16.20-16.30)	<b>Physiologic Gycated-Bovine Serum Albumin Determination using Spectrum-UV</b> <i>Wulida Khoirunnisa, M. Irsyad Nur, Sri Widyarti, Sutiman Bambang Sumitro</i>







Monday, October 29

Parallel Session 1

Room : IV (Langenbasworo)

<b>B.10</b> (15.00-15.10)	<b>Characterization of Differentiation Potential of Sub-population of Airway Basal Cell</b> <i>Elisa Herawati, Shanti Listyawati</i>
<b>B.11</b> (15.10-15.20)	<b>The Comparison of Histological Damage Impact in Pulmonary Alveolus Structure of White Rats (<i>Rattus norvegicus</i> L.) Due to Exposure by Kretek -White Cigarette With and Without Filter</b> <i>Agung Budiantoro, Dwi Aditya</i>
<b>B.12</b> (15.20-15.30)	<b>The Comparative Skeletal Structure of <i>Blenniella bilitonensis</i> (Skippers) and <i>Bathygobius fuscus</i> (Remainers) of Gunung Kidul Coastal Area</b> <i>Rizka Apriani Putri and Sukiya</i>
<b>B.13</b> (15.30-15.40)	<b>The Eating Behavior of Mudskipper(<i>Periophthalmodonschlosseri</i>) in Desa Tanipah Muara Sungai Barito South Borneo</b> <i>Heri Budi Santoso, Hidayaturrahmah, Muhamat , Mega Mahardika, Hawis Maduppa</i>
<b>B.14</b> (15.40-15.50)	<b>Growth Pattern of Marine Fish Larvae Mangrove Red Snapper <i>Lutjanus argentimaculatus</i> (Forsskål, 1775)</b> <i>Regina Melianawati, Gunawan, Bejo Slamet</i>





<b>B.15</b> (15.50-16.00)	<b>Bats Conservation in The Developed Ecotourism Area of South Lombok Island West Nusatenggara</b> <i>Siti Rabiatul Fajri*, Sri Nopita Primawati, Islamul Hadi, Galuh Tresnani</i>
<b>Tuesday, October 30</b> <b>Parallel Session 2</b> <b>Room : III (Langendrio)</b>	
<b>B.16</b> (08.30-08.40)	<b>Stingless Bee, <i>Heterotrigona itama</i>, Propolis As an Alternative To Control Subterranean Termite, <i>Coptotermes curvignathus</i> Infestation</b> <i>Hazlina Ahamad Zakeri, Maathavi Kannan, Nithiyashini Mohan Kumar and Wahizatul Afzan Azmi</i>
<b>B.17</b> (08.40-08.50)	<b>Isolation and Culture Microalga from Natural Freshwater Habitats in South Sumatera for Development of Biomass and Biofuel Sources</b> <i>D.J, Santri, H.Zulkifli, A.Lesbani, Hermansyah, K. Nazip, K. Madang</i>
<b>B.18</b> (08.50-09.00)	<b>Ecology of <i>Zalacca</i> Pollinator Beetles</b> <i>Mega Sari Apriniarti, Bambang Suryobroto, Tri Atmowidi, Sih Kahono, Wasmen Manalu</i>
<b>B.19</b> (09.00-09.10)	<b>Growth Interaction between the Marine Dinoflagellates- <i>Akashiwo sanguinea</i> (Hirasaka) Hansen Et. Moestrup and <i>Prorocentrum micans</i> C.G. Ehrenberg</b> <i>Chee Ping, Tan, Siti Aishah Abdullah, Christine Orosco &amp; Harun, Nor Omaima</i>
<b>B.20</b>	<b>Earthworms (<i>Lumbricus rubellus</i>) Performance on Bagasse</b>





(09.10-09.20)	<i>Suhandoyo, Ciptono, Tri Hardjana, Zosi Erwinda, Prastuti Eka Mella, Devira, Angela Enggar And Aisya Shahrani</i>
<b>B.21</b> (09.20-09.30)	<b>Microplastic Abundance in The Sediment, Water, and Sea Urchin <i>Diadema setosum</i> in Panggang Island, Seribu Islands</b> <i>Fadhilrahman Muhammad, Mufti Petala Patria</i>
<b>B.22</b> (09.30-09.40)	<b>Climatic Factors, Habitat Conditions and Nesting Behavior of White-Headed Munia (<i>Lonchura maja</i>) Birds</b> <i>Ciptono, Tien Aminatun, Rio Christy Handziko, Aghnan Pramudihasan, Wicak Aji Pangestu, Alfian Surya Fathoni</i>







Tuesday, October 30

Parallel Session 2

Room : IV (Langenbasworo)

<b>B.23</b> (08.30-08.40)	<b>Diversity of Potential Medicinal Ferns at Garahan Pine Forest</b> <i>Tri Ratnasari, Dwi Setyati, Hari Sulisyowati, Maulana Mahmud, Fuad Bahrul Ulum</i>
<b>B.24</b> (08.40-08.50)	<b>Microplastic Abundance in The Water and Mangrove Crab <i>Metopograpsus quadridentata</i> in Pramuka Island, Jakarta</b> <i>Nurma Tsabita, Mufti Petala</i>
<b>B.25</b> (08.50-09.00)	<b>Existence and Distribution of Weeping Fig (<i>Ficus Spp.</i>) as Local Wisdom in Environmental Conservation in The District of Yogyakarta City</b> <i>Lain Miftahu Suad</i>
<b>B.26</b> (09.00-09.10)	<b>The Structure and Composition of Mangroves at The Border of Semarang-Demak Gulf Coasts</b> <i>A Irsadi, S Anggoro, Tr Soeprbowati</i>
<b>B.27</b> (09.10-09.20)	<b>The Effect of Local Microorganisms from Household Waste on The Quality of Liquid Organic Fertilizer</b> <i>Suhartini, Suhandoyo, Sudarsono and Budiwati</i>
<b>B.28</b> (09.20-09.30)	<b>Microplastic Abundance in The Water, Seagrass, and Sea Hare <i>Dolabella auricularia</i> in Pramuka Island, Seribu Islands</b> <i>Vincentia Priscilla, Mufti Petala Patria</i>





<b>B.29</b> (09.30-09.40)	<b>Profile of Heavy Metal Accumulation in Certain Fish, Shrimp, and Clam in Semarang Markets, Indonesia</b> <i>Aditya Marianti A, Nur Kusuma Dewi A, F. Putut Martin Herry Bodijantoro A</i>
<b>B.30</b> (09.40-09.50)	<b>Microplastic Abundance in Mangrove Periwinkle <i>Snail Littoraria scabra</i> in Pramuka Island, Seribu Islands, DKI Jakarta</b> <i>Clara Alverina Santoso, Mufti Petala Patria</i>

Tuesday, October 30

Parallel Session 3

Room : III (Langendrio)

<b>B.31</b> (10.30-10.40)	<b>Characterization of Structure Fern Spores from Garahan Pine Forest Jember Regency</b> <i>Dwi Setyati, Tri Ratnasari, Hari Sulistiyowati, Fuad Bahrul Ulum, Maulana Makhmud</i>
<b>B.32</b> (10.40-10.50)	<b>Plant Roots As Traditional Medicines for Communities of Dayak Desa Tribe in Pakak</b> <i>Markus Iyus Supiandi, Hendrikus Julung, Benediktus Ege, Siti Zubaidah, Susriyati Mahanal</i>
<b>B.33</b> (10.50-11.00)	<b>An Observation of Saponin Content on Shallot (<i>Allium cepa aggregatum</i> Group) Cultivated in Marginal Land</b>





	<i>Nur Aeni Ariyanti, Sonia Latifah, Masruroh</i>
<b>B.34</b> (11.00-11.10)	<b>Induction of <i>Carica pubescens</i> Embryogenic Callus Using Serine, Histidine, and Methionine Through Divine Smoke Particulation</b> <i>I'anatur Rofiqoh, Safira Rachmadani N.E, Shinta, M.Si</i>
<b>B.35</b> (11.10-11.20)	<b>The Potency Analysis of Canna Starch as An Alternative Medium Solidifier in Orchids In Vitro Culture</b> <i>Amaliyah Rahayu, Isvi Ria Nur Afit, Afrizal Haris, Erliza Cikal Arthalina, Ixora Sartika Mercuriani</i>
<b>B.36</b> (11.20-11.30)	<b>The Quality Test and Effectiveness of The Liquid Organic Fertilizer from Various Local Microorganisms on the Growth and Production of Chili (<i>Capsicum frutescens</i> L.)</b> <i>Sudarsono, Suhartini and IGP. Suryadarma</i>
<b>B.37</b> (11.30-11.40)	<b>The Chlorophyll content of <i>Houttuynia cordata</i> Thunb. in vivo analysis</b> <i>Dian Ridwan Nurdiana</i>
<b>B.38</b> (11.40-11.50)	<b>Uses and Bioactivity of Bangle(<i>Zigiber montanum</i>)</b> <i>Marina Silalahi</i>





## LIST SCHEDULE OF PARALLEL SPEAKERS AND PRESENTATIONS ISBBE 2018

### ***BIOLOGICAL EDUCATION***

Monday, October 29	
Parallel Session 1	
Room : I (Langenhardjo)	
<b>BE.01</b> (15.00-15.10)	<b>Development of Assessment Instruments of Student Science Literacy Skills in Cell Materials</b> <i>Murni Sapta Sari</i>
<b>BE.02</b> (15.10-15.20)	<b>Non-Curricular Strategies in The Implementation of Education for Sustainable Development in Three Prominent Green Schools in Indonesia</b> <i>Puguh Karyanto</i>
<b>BE.03</b> (15.20-15.30)	<b>Developing A Learning Continuum of Living Aspects of Natural Science Subjects at Elementary Schools Based on The Opinion of Teachers, Principles, and Supervisors</b> <i>Bambang Subali, Kumaidi, Siti Nonoh Aminah</i>
<b>BE.04</b> (15.30-15.40)	<b>Comparison of Curriculum Implementation Between Public and Private Schools Based on Adiwiyata</b> <i>Mohamad Joko Susilo</i>
<b>BE.05</b> (15.40-15.50)	<b>Reinforcing National Character Education in Biology Based on The Education for Sustainable Development Concept</b> <i>Jelita Alviolina</i>





<b>BE.06</b> (15.50-16.00)	<b>Problematics of Biology Learning of Senior High School in Lombok Island</b> <i>Gito Hadiprayitno, Muhlis, Kusmiyati, Qarina Asriyani</i>
<b>BE.07</b> (16.00-16.10)	<b>Development of Android-Based Mobile Learning Media on The Material of The Human Reproductive System To Learners of The Class XI MIA SMAN 1 Manokwari</b> <i>Bayu Kurniadi, Iwan, Insar Damopolii</i>
<b>BE.08</b> (16.10-16.20)	<b>Development of SEA MEA Learning Model to Increase Problem Solving Skills</b> <i>D Setiawan, Wasis, B Jatmiko</i>

**Monday, October 29**

**Parallel Session 1**

**Room : II (Andrawino)**

<b>BE.09</b> (15.00-15.10)	<b>Profile of Scientific Communication of Seventh Grade Students</b> <i>Eni Widayanti, Mohammad Masykuri, Prabang Setyono</i>
<b>BE.10</b>	<b>Analysis of Students' Problems Solving Skills in Senior High School</b>







(15.10-15.20)	<i>Munawwaroh Kurniawati, Sajidan, Murni Ramli</i>
<b>BE.11</b>	<b>Analysis of Critical Thinking Skills Learners on Protists Material</b>
(15.20-15.30)	<i>Irwan, Maridi, Sri Dwiastusti</i>
<b>BE.12</b>	<b>A Survey of High School Students' Scientific Literacy Skills in Different Gender</b>
(15.30-15.40)	<i>Windy Rosyadah Mukti, Irma Dahlia Yuliskurniawati, Nurul Ika Noviyanti, Susriyati Mahanal, Siti Zubaidah</i>
<b>BE.13</b>	<b>Environmental Literacy of Junior High School Students in Ponorogo</b>
(15.40-15.50)	<i>Siti Nurwaqidah ,Suciati Murni Ramli</i>
<b>BE.14</b>	<b>The Development of Assessment Instruments for Measuring Skills of Participants' Critical Thinking in SMA on Biology Lesson</b>
(15.50-16.00)	<i>Saleh Hidayat, Etty Nurmala Fadillah</i>
<b>BE.15</b>	<b>Middle School Students' Mastery Of Scientific Inquiry Literacy in Gender and School Location</b>
(16.00-16.10)	<i>Dian Kurvayanti Innatesari, Sajidan, Sukarmin</i>
<b>BE.16</b>	<b>Development of Teaching Instrument Based on Local Wisdom of Sasak Ethnic to Enhance Generic Skills</b>
(16.10-16.20)	<i>S D Utami , I Efendi , I N Dewi , A Ramdani , and I S Rohyani</i>





Tuesday, October 30

Parallel Session 2

Room : I (Langenhardjo)

<b>BE.17</b> (08.30-08.40)	<b>Application of Service-Learning in Indonesia: Implementation Procedures, Selection of Participants and The Benefits in Developing Student's Character</b> <i>Luisa Diana Handoyo, Paidi, Paulus Suparno</i>
<b>BE.18</b> (08.40-08.50)	<b>The Influence of The Scientific Approach Is Combined with The ProblemModel Based Learning (PBL) on Critical Thinking Skills, and Class XI High School Student Learning Outcomes</b> <i>Elsje Theodora Maasawet</i>
<b>BE.19</b> (08.50-09.00)	<b>Development of Truth-Seeking Learning Model (TLM) to Improve Students' Truth-Seeking Disposition in Learning Biology</b> <i>Achmad Zanuvar Ansori, Muslimin Ibrahim, Wahono Widodo</i>
<b>BE.20</b> (09.00-09.10)	<b>Designing Instructional Models to Stimulating High Order Thinking Skills in Pre-Service Science Teachers' Education</b> <i>Afandi, Sajidan, Muhammad Akhyar, Nunuk Suryani</i>
<b>BE.21</b> (09.10-09.20)	<b>Development of an Instrument for Students' Perception of SSI-based Learning in Biology</b> <i>Agung W. Subiantoro</i>
<b>BE.22</b>	<b>Implementation of Environmental Care Character Education Values on Biology Subject Through the</b>





(09.20-09.30)	<b>Concept of Adiwiyata in SMAN 2 Banguntapan Bantul</b> <i>Milade Annisa Muflihaini</i>
<b>BE.23</b> (09.30-09.40)	<b>Developing Instructional Materials for the Case Method in Environmental Science</b> <i>Ho Yuek Ming</i>
<b>BE.24</b> (09.40-09.50)	<b>Meta Analysis of Learning Independence and Conceptual Understanding</b> <i>Arif Supriyadi</i>
<b>BE.25</b> (09.50-10.00)	<b>Systematic Literature Review: Learning Continuum Aspect of Biology Based on Competency Level and Specific Pedagogic Material</b> <i>Mendala, B Subali</i>

Tuesday, October 30

Parallel Session 2

Room : II (Andrawino)

<b>BE.26</b> (08.30-08.40)	<b>Developing an Observation Instrument to Measure Technological Pedagogical Knowledge (TPK) Application of Biology Teacher in Learning Process</b> <i>F E C Astuti and Paidi</i>
<b>BE.27</b>	<b>Analysis of Higher Order Thinking Skills (HOTS) as Transfer of Knowledge Students on Reproductive</b>





(08.40-08.50)	<b>Material in Senior High School Surakarta</b> <i>Betty Novia Pramesti, Sajidan, Sri Dwiastuti</i>
<b>BE.28</b> (08.50-09.00)	<b>Students Misconception Analysis on Diffusion and Osmosis Concept Using Three-Tier Diagnostic Test; A case at Senior High Schools, Jakarta</b> <i>Laurencius Sihotang, Yulia Irnidayanti, Rini Puspitaningrum</i>
<b>BE.29</b> (09.00-09.10)	<b>The Validity of Item Tests of Scientific Method of Divergent Patterns in Biology Subject at Senior High Schools Viewed from The Number of Traits</b> <i>Fajar Nur Cahyani, Bambang Subali</i>
<b>BE.30</b> (09.10-09.20)	<b>Development of Instruments to Improve Student' Pedagogical Knowledge Based Mentoring</b> <i>Nopriyeni , Zuhdan Kun Prasetyo , Djukri, Bagus Endri Yanto</i>
<b>BE.31</b> (09.20-09.30)	<b>Integrating Local Wisdom Content In Science Learning: A Literature Review</b> <i>PD Amrita, H Kuswanto</i>
<b>BE.32</b> (09.30-09.40)	<b>Instructional Technique Question Application in Stage of Deciding in Project Based Learning to Increase Score Concept Map</b> <i>H Nina, Sri Widoretno, Sri Dwiastuti, Sajidan, and Nurmiyati</i>
<b>BE.33</b> (09.40-09.50)	<b>Divergent and Creative Thinking Skills of XI Graders of Senior High Schools in Bantul District in Mastering Scientific Methods in Biology</b> <i>Ahmad Naharuddin Ramadhan, Bambang Subali, Fajar Nur Cahyani</i>





<b>BE.34</b> (09.50-10.00)	<b>Development of Student Worksheet for The Instruction of Digestive System in Grade VIII of Junior High Schools</b> <i>Eka Ariyati</i>
<b>Tuesday, October 30</b> <b>Parallel Session 3</b> <b>Room : I (Langenhardjo)</b>	
<b>BE.35</b> (10.30-10.40)	<b>The Competence of Teaching Training Program Students in Devising Integrated Lesson Plan and Islamic Value in Biology Lesson</b> <i>Listyono, KISupardi, S Ridlo, Wiyanto</i>
<b>BE.36</b> (10.40-10.50)	<b>The Teachers' Experience in Implementation of Project-Based Learning during Teaching and Learning of Biology in Senior High Schools in Yogyakarta District</b> <i>Kijambu John Baptist, Bambang Subali</i>
<b>BE.37</b> (10.50-11.00)	<b>The Effect of Self-Efficacy and Motivation on Biology Outcome Learning of Senior High School</b> <i>Fahmie Firmansyah, Ratna Komala, Rusdi</i>
<b>BE.38</b> (11.00-11.10)	<b>Reinforcing National Character Education in Biology Based on The Education for Sustainable Development Concept</b> <i>Triasianingrum Afrikani, Indri Yani, Ertiana Nurmayanti</i>







<b>BE.39</b> (11.10-11.20)	<b>The Effect of Parenting Models on Sex Education Based on “Suku Rejang” Culture To Improve Students' Understanding of Reproductive Health</b> <i>Merry Sri Hartati, IGP Suryadharma , Hanum Farida, Bagus Endri Yanto</i>
<b>BE.40</b> (11.20-11.30)	<b>Science Process Skills Based on Genders of High School Students</b> <i>Irma Dahlia Yuliskurniawati, Nurul Ika Noviyanti, Windy Rosyadah Mukti, Susriyati Mahana, Siti Zubaidah</i>
<b>BE.41</b> (11.30-11.40)	<b>Improving Critical Thinking Skills to Learn Heredity with Discovery Based Unity of Sciences (DBUS) Model</b> <i>N Khasanah , , Sajidan , Sutarno , B A Prayitno</i>
<b>BE.42</b> (11.40-11.50)	<b>The Effect of Studying Problem Based Learning on Students' Critical Thinking Skills in Biological Material</b> <i>Hidayatul Khikmah, Heru Nur Cahyo</i>
<b>BE.43</b> (11.50-12.00)	<b>Improving Science of Science Through Playing in Class B Early Primary School Imanuel City Samaninda</b> Evie Palenewen
<b>Tuesday, October 30</b> <b>Parallel Session 3</b> <b>Room : II (Andrawino)</b>	
<b>BE.44</b> (10.30-10.40)	<b>Competencies of Prospective Biology Teacher Students on Academic and Pedagogical Aspects</b> <i>Yuni Wibowo, Atik Kurniawati, Rio Christy Handziko</i>





<b>BE.45</b> (10.40-10.50)	<b>Identify The Profile of Multiple Representations Ability of Prospective Biology Teachers</b> <i>E Fitriah , S Munadi, Djukri</i>
<b>BE.46</b> (10.50-11.00)	<b>Instructional Technique Questions in the Planning Phase of Project Based Learning to Increase the Score of Concept Map</b> <i>W A Dita, Sri Widoretno, Sri Dwiastuti, Sajidan, and Maridi</i>
<b>BE.47</b> (11.00-11.10)	<b>Teacher's Perception Towards Implementation of Service Learning Model during teaching and learning of Biology in Senior High Schools in Yogyakarta District</b> <i>Galuh Ajeng Antasari, Bambang Subali</i>
<b>BE.48</b> (11.10-11.20)	<b>Instructional Techniques Teacher's Question on Evaluating Data Stage of Project Based Learning to Improve Student's Concept Map Score</b> <i>R D A Yacinta, Sri Widoretno, Sri Dwiastuti, Sajidan, and Yudi Rinanto</i>
<b>BE.49</b> (11.20-11.30)	<b>Developing Instrument to Evaluate the Technological Content Knowledge (TCK) Application of Biology's Teacher in Senior High School in Learning Process</b> <i>S P Pradana , Paidi</i>
<b>BE.50</b> (11.30-11.40)	<b>The Analysis of Environmental Attitudes of Public Junior High School Students in Ngawi</b> <i>R Arifiantari, Ashadi, S Dwiastuti</i>





**Tuesday, October 30**

**Parallel Session 3**

**Room : IV (Langenbasworo)**

<b>BE.51</b> (10.30-10.40)	<b>Survey of Biology Education Students' Scientific Reasoning in The Implementation of Inquiry Learning(Preliminary Studies)</b> <i>Bagus Endri Yanto , Marike Muskitta, Bambang Subali, Slamet Suyanto</i>
<b>BE.52</b> (10.40-10.50)	<b>The Effect of Biology-based Inquiry Learning on the Improve of the Students Critical Thinking Skills in High School</b> <i>Yuhana, Maridi, Sri Dwiastuti</i>
<b>BE.53</b> (10.50-11.00)	<b>A Critical Review on Developing Scientific Literacy using News Media in the Classroom</b> <i>Aprillyana Dwi Utami</i>
<b>BE.54</b> (11.00-11.10)	<b>Developing Student's Critical Thinking Skills through Implementation of Problem Based Learning Approach</b> <i>Agustina Sekar Puspita, Suyitno Aloysius</i>
<b>BE.55</b> (11.10-11.20)	<b>Effect of Application of Reward Point-Pin Method Towards Interest and Student Absorption of Social Science's 11<sup>th</sup> Graders on Biology's Cross Specializationin SMA N 1 Sentolo, Kulon Progo</b> <i>Nanik Setyaningsih</i>





<b>BE.56</b> (11.20-11.30)	<b>Effectiveness of Outdoor Learning Method-based Module on Cognitive Learning Outcomes Students</b> <i>Yuliana Arianti, Tien Aminatun</i>
<b>BE.57</b> (11.30-11.40)	<b>Self Regulation Skills of Junior High School Students in Learning</b> <i>W A. Nugroho, Sajidan and Maridi</i>
<b>BE.58</b> (11.40-11.50)	<b>The Use of Brain Based Learning Model in Classroom</b> <i>Lia Sari Rahmatin, Slamet suyanto</i>
<b>BE.59</b> (11.50-12.00)	<b>Analysis of Critical Thinking Skill in Senior High School Students' on Material Fungi</b> <i>Mewa Septita Widyamaharta, Sarwanto dan Harlita,</i>

**Tuesday, October 30**

**Parallel Session 3**

**Room : V (Langengito)**

<b>BE.60</b> (10.30-10.40)	<b>Analysis of Misconception based on Thinking Style of Seventh Grade Students about Photosynthesis and Plant Respiration</b> <i>Maya Sih Hika Pamungkas, Sulistyo Saputro, Sri Mulyani</i>
<b>BE.61</b> (10.40-10.50)	<b>Empirical Validity of Collaborative-Learning Student Worksheet on Ecology Material to Practice Student's Scientific Literacy Skill of Ten<sup>th</sup> Grade Senior High School</b> <i>Qurrotul Anfa, FidaRachmadiarti &amp; Winarsih</i>





<b>BE.62</b> (10.50-11.00)	<b>A Preliminary Study of Students Initial Creative Thinking Skills in Senior High School in Surakarta</b> <i>U Y Riani , H Nurcahyo</i>
<b>BE.63</b> (11.00-11.10)	<b>TPACK Observation Instrument: Development, Validation, and Reliability for Biology Teachers on Learning Proses</b> <i>Muhammad Khoirul Antony, Paidi</i>
<b>BE.64</b> (11.10-11.20)	<b>The Problem-Solving Skills of Senior High School Students on Biology in Temanggung</b> <i>A B Lestari, Djukri</i>
<b>BE.65</b> (11.20-11.30)	<b>Implementation of Stim HOTS Models to Improve Student's Problem Solving Skill in Senior High School Metabolism Learning</b> <i>Dewi Rahmawati, Sajidan, Ashadi and Nanik Murti Prasetyanti</i>
<b>BE.66</b> (11.30-11.40)	<b>Metacognitive Knowledge and Critical Thinking Students 11<sup>th</sup> Grade in Biology Subject of State Senior High School in Bogor</b> <i>Kinanthi Mustika Sari, Paidi</i>
<b>BE.67</b> (11.40-11.50)	<b>The Scientific Argumentation Skills of the High School Students with Different Academic Ability</b> <i>Nurul Ika Noviyanti, Windy Rosyadah Mukti, Irma Dahlia Yuliskurniawati, Susriyati Mahanal, Siti Zubaidah</i>
<b>BE.68</b> (11.50-12.00)	<b>The Development of an Observation Sheet Instrument to Measure Biology Teachers' Ability of Pedagogical Content Knowledge (PCK)Application in the Learning Process</b> <i>N Hapsari, Paidi</i>







**Tuesday, October 30**

**Parallel Session 4**

**Room : I (Langenhardjo)**

<b>BE.69</b> (13.30-13.40)	<b>Integration between Parasite Infection Research and Biological Teaching for Secondary School Students in Hanoi, Vietnam</b> <i>Nguyen Thi Lan Anh, Nguyen Thao Ninh</i>
<b>BE.70</b> (13.40-13.50)	<b>Increasing Students' Analytical Thinking Skills Through A Pop-up Booklet Development with Digestive System at Class 11thIPA</b> <i>Luk Lu Atun Nisa' , Siti Mukhlisoh Setyawati, Bunga Ihda Norra</i>
<b>BE.71</b> (13.50-14.00)	<b>Lecture Analysis of Plant Morphology Through The Implementation of Exploration Nature around Learning Based on Potensial Areas to Facilitate The Understanding of Student Concept</b> <i>Vandalita M.M. Rambitan, Evie Palenewen</i>
<b>BE.72</b> (14.00-14.10)	<b>Development of "Bio-Monopoli" of Human Movement System As Learning Media for Science Programme Second Year High School Students</b> <i>Rika Nuryani Suwarno, Suratsih</i>





<b>BE.73</b> (14.10-14.20)	<b>Utilization of Monopoly Game Media to Improve Cognitive Learning Outcomes In Class IV Student of Wee Kapulota Inpres Elementary School in Energy Education Material</b> <i>Maria Patrisia Ivonie Babang ,V. Ivana Rosdianti</i>
<b>BE.74</b> (14.20-14.30)	<b>The Effect of Android-Based Pictorial Biology Dictionary Implementation to Student`s Learning Motivation on Topic of Invertebrates</b> <i>D M Pahlifi, H Nurcahyo</i>





**Tuesday, October 30**

**Parallel Session 4**

**Room : II (Andrawino)**

<b>BE.75</b> (13.30-13.40)	<b>Fern Diversity in National Park Gunung Merapi and Its Potency as a Biology Learning Resource on subtopic of Pterodophyte for High School Student</b> <i>Aza Ayu Din Illahaqi &amp; Suyitno Aloysius</i>
<b>BE.76</b> (13.40-13.50)	<b>The Effect of Using Adobe Flash CS6 about Isolation and Characterization Bacteria to Improve Cognitive Learning Outcomes</b> <i>Alfiana Monika Sari, Heru Nurcahyo</i>
<b>BE.77</b> (13.50-14.00)	<b>Implementation of 3D Software toward Spatial Intelligence and Representation of Biologi Prospective Teachers</b> <i>Diki M. Chaidir, Purwati K. Suprato</i>
<b>BE.78</b> (14.00-14.10)	<b>Profile Content and Context of Biology Modules Based Analytical Thinking Skill on Material of The Human Reproductive System</b> <i>Puput Putri Kus Sundari, Sri Widoretno, and Ashadi</i>
<b>BE.79</b> (14.10-14.20)	<b>Developing Biology Learning Media Based on Adobe Flash to Increase Readability and Learner's concept Understanding</b> <i>Esti Astuti, Heru Nurcahyo</i>
<b>BE.80</b>	<b>Content and Context Analysis of Science Module Based on Critical Thinking Components in The Subject</b>





(14.20-14.30)	<b>Matter of Human Circulatory System</b> <i>Y D Wicaksana, Sri Widoretno and Sri Dwiastuti</i>
<b>BE.81</b> (14.30-14.40)	<b>The Relationship Between Logical-thinking Ability and Science Achievement of Middle School Students in Surakarta</b> <i>Henni Riyanti</i>





## POSTER PRESENTATIONS

### POSTER SPACE AREA

POSTER SPACE AREA	
P.01	<p><b>The Effect of Molase and Urea on The Production of Alkaline Protease From Indigenous <i>Aspergillus flavus</i> DUCC K225.</b></p> <p><i>Isworo Rukmi, Nies S. Mulyani &amp; Sri Pujiyanto</i></p>
P.02	<p><b>Morphological Variations and Genetic Alteration on Seedlings <i>Spathoglottis plicata</i> Resulted from In Vitro Culture of Seed Irradiated with X-ray</b></p> <p><i>Suyitno Aloysius, Aziz Purwantoro, Kumala Dewi, and Endang Semiarti</i></p>
P.03	<p><b>Diversity and Abundance of Tuber Plant in Desa Sumberwungu, Kecamatan Tepus, Kabupaten Gunungkidul, Yogyakarta</b></p> <p><i>Sudarsono, Ratnawati, Budiwati, Ricky R., Nur Fathurahman R.,</i></p>
P.04	<p><b>Bioethanol from <i>Sargassum</i> sp Using Acid Hydrolysis and Fermentation Method Using Microbial Association</b></p> <p><b>Anggraeni Kusuma Wardani <sup>1), a)</sup> &amp; Retno Herrani</b></p>
P.05	<p><b>Effect of Fermentation to Total Titrable Acids, Flavonoid and Antioxidant Activity of Butterfly Pea Kombucha</b></p> <p><b>Maria Christiani Dwiputri<sup>(1)</sup>, Y.M. Lauda Feroniasanti<sup>(2)</sup></b></p>







P.06	<b>Instructional Technique Questions in the Searching Phase of Project Based Learning to Increase the Score of Students' Concept Map</b>  D A Fahma <sup>1</sup> , Sri Widoretno <sup>1</sup> , Sri Dwiastuti <sup>1</sup> , Sajidan <sup>1</sup> , and Alanindra <sup>1</sup>
P.07	<b>Structional Technique Teacher's Question in the Presenting Stage of Project Based Learning to Improve Students' Concept Map Scores</b>  D K W Akta <sup>1</sup> , Sri Widoretno <sup>1</sup> , Sri Dwiastuti <sup>1</sup> , Sajidan <sup>1</sup> , Muzzazinah <sup>1</sup>
P.08	<b>Development of Enrichment Module of Polyploidi on Shallot (<i>Allium ascalonicum</i> L.) for 12<sup>th</sup> Grade Students</b>  <sup>1</sup> Fajar Faozathul Khikmah, <sup>2</sup> Suratsih, M.Si.
P.09	<b>Biodiversity and Kinship Relations Based on Morphoanatomical Characteristics of Local Corn Germplasm as a Learning Resource for Morphology and Anatomy of Plants Based on Local Natural Resources</b>  <i>Uslan</i>
P.10	<b>Biology Olympiad Club Students' Learning Gain in SMA Negeri 1 Yogyakarta using Photosynthesis Material Enrichment Module</b>  <i>Isvi Ria Nur Afit and Suyitno Aloysius</i>

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