

PARALLEL SESSION SCHEDULE FOR NATURAL SCIENCE EDUCATION

MONDAY, 7 MAY 2018 / 13.00 - 17.00

ROOM: SUNFLOWER

CODE	TITLE	TIME
SE 1	Learning using Box of Questions as Socioscientifiq Issue Method to Develop Student's Responsibility of Natural Environment YufiYohanes KusumaAtmaja ¹ , Gabriella Detty Primandani ² , M. Gita Setyandari Pertiwi ³ ^{1,2} SD Eksperimental Mangunan, ³ Dinamika Edukasi Dasar	13.00-13.15
SE 2	Innovation Design of Simple Kaleidoscope as A Media of Learning Optical Tools With STEM Shofie Maulani, Syarovina Maulida, Muhamad Taufiq Universitas Negeri Semarang	13.15-13.30
SE 3	Natural Science Learning Video Integrated with Local Potentiality to Improve Concept Mastery Ertika Chandra Dewi, I Gusti Putu Suryadarma, Insih Wilujeng Universitas Negeri Yogyakarta	13.30-13.45
SE 4	Effectiveness Interactive Multimedia of Digestive System Based on Guided Inquiry to Improve Science Literacy Dwi Jayanthi, Sunyono, Tri Jalmo University of Lampung	13.45-14.00
SE 5	A Training Model for Pre-Service Science Teacher to Develop The Competency of Test Instrument Arrangement Based on International Mapping and Benchmarking Dadan Rosana, Eko Widodo, Didik Setyawarno, Wita Setianingsih Universitas Negeri Yogyakarta	14.00-14.15
SE 6	The Effect of SETS Learning with Android on Scientific Literacy and Cross Disciplinary Knowledge Dita Dzata Mirrota, Senam, Jumadi, Insih Wilujeng Universitas Negeri Yogyakarta	14.15-14.30
SE 7	User Experience Analysis Utilization of Virtual Reality Technology On Applications About Ancient Human Life Homo Soloensis Fendi Aji Purnomo, Eko Harry Pratisto, Firma Sahrul Bahtiar, Berliana Kusuma Riasti, Nahwan Adhiguna Pratama Universitas Sebelas Maret	14.30-14.45
SE 8	Effect of Guided Inquiry Learning Model with Virtual and Real Learning Media on the Improvement of Learning Result Viewed from Critical Thinking Skills of The Students in Grade VIII of State Junior Secondary School 1 of Karanganyar Emi Wijayanti, Ashadi, Widha Sunarno Universitas Sebelas Maret	14.45-15.00
Coffe Break		15.00-15.30
SE 9	Developing Video for Food Analysis Course on the Subject of Effect of Yeast, Sugar, and Gluten to Bread Leavening Andian Ari Anggraeni Universitas Negeri Yogyakarta	15.30-15.45
SE 10	Interactive Electronic Module based on Limas Citra Manusia Theory for Science in the First Semester of Fourth Grade in Elementary School with 2013 Curriculum using Google Classroom Achmad Yusuf Udy Nugroho ¹ , Ardiana Hanatan ² , Heribertus Soegiyanto ³ , and Sarwanto ⁴ ^{1,3,4} Universitas Sebelas Maret, ² Universitas Gajah Mada	15.45-16.00

SE 11	Development of Learning Video Based On Local Potential Anis Setyawati, I Gusti Putu Suryadarma, Insih Wilujeng Universitas Negeri Yogyakarta	16.00-16.15
SE 12	The Effects of Android-Assisted Creative Problem Solving Learning Model towards The Improvement of Students' Scientific Literacy of Junior High School in Kebumen Rasyid Zuhdi, Senam, Insih Wilujeng, Jumadi Universitas Negeri Yogyakarta	16.15-16.30
SE 13	The Effectiveness of A Local Potentiality Based Learning Video about Distillation Clove Leaf Essential Oil to Improve Generic Skill Daris Hari Murti, Zuhdan Kun Prasetyo, Insih Wilujeng Universitas Negeri Yogyakarta	16.30-16.45

MONDAY, 7 MAY 2018 / 13.00 - 17.00

ROOM: LOTUS

CODE	TITLE	TIME
SE 14	Science Learning Tools Based on Thinking Skill Thinking Strategy Models to Improve Creative Thinking Skill and Problem Solving Strategy Clara Sri Wahyuni Priastuti, Djukri Universitas Negeri Yogyakarta	13.00-13.15
SE 15	Development The Science Learning Planning Based on Pedagogy for Sustainability in Global Warming Susilowati, Insih Wilujeng, Purwanti Widhy Hastuti Universitas Negeri Yogyakarta	13.15-13.30
SE 16	The Implementation of Science Learning Model Based Child Friendly School in SDN 1 Ampenan Mataram City Siti Ruqoiyyah, Erni Munastiwi Islamic University of Sunan Kalijaga Yogyakarta	13.30-13.45
SE 17	Effectiveness Worksheet Of The Global Warming Based On Problem To Improve Students Science Literacy Sasmita Erzana, Sunyono, Chandra Ertikanto University of Lampung	13.45-14.00
SE 18	Developing a Science Worksheet-Based Inquiry Science Issues to Improve Critical Thinking and Scientific Attitude Purwanti Widhy Hastuti, Sabar Nurohman, Wita Setianingsih Universitas Negeri Yogyakarta	14.00-14.15
SE 19	Elementary School Teacher Training: The Application of Creative Science Learning for Elementary School Students for Future Sustainability Ramdhan Witarsa ¹ , Arie Ginanjar Setiadi ² , Sofyan Sonjaya ³ , Yusuf Prabowo ⁴ ¹ IKIP Siliwangi Cimahi, ² SDN Baros Mandiri 3 Cimahi, ³ SDN Leuwigajah 2 Cimahi, ⁴ SDN 1 Ekacita, Kabupaten Bandung Barat	14.15-14.30
SE 20	5E Model in Learning IPA Luh Mitha Priyanka, Insih Wilujeng Universitas Negeri Yogyakarta	14.30-14.45
SE 21	Lesson Plan for STEM Approach at A Junior High School in Yogyakarta Tarsisius Sarkim, Albertus Hariwangsa Panuluh, Hongki Julie Universitas Sanata Dharma	14.45-15.00
Coffe Break		15.00-15.30
SE 22	The Effect of Knowledge about Drugs and HIV/AIDS on Teenagers' Premarital Sexual Behaviors in Yogyakarta Muhammad Agus Hardiansyah, Badrun Kartowargiran, Setyabudi Indartono	15.30-15.45

	Universitas Negeri Yogyakarta	
SE 23	Developing 21st Century Skills of the Pre-service Science Teachers in Southeast Asia through the STEAM Project Pramita Cucu Mawarni ¹ , Yuli Rahmawati ² , Fauzan Khairi Che Harun ³ , Tula Jutarosaga ⁴ , Laeli Dina Rizqiya ⁵ ¹ SMK PGRI 8 Jakarta, ² Universitas Negeri Jakarta, ³ Universiti Teknologi Malaysia, ⁴ King Mongkut's University of Technology Thonburi, ⁵ SMA Islam AL-Azhar 8 Summarecon Bekasi	15.45-16.00
SE 24	The Importance of Inquiry Learning for Training student's Thinking Skill in Secondary School Linda Ochtivah Widiyastuti, Baskoro Adi Prayitno, Ashadi Universitas Sebelas Maret	16.00-16.15
SE 25	The Effectiveness of Practical Guide Based on Learning Cycle 5E to Enhance Cognitive Learning Outcomes of Junior High School Students Dwi Safriani Pangestika, Zuhdan Kun Prasetyo Universitas Negeri Yogyakarta	16.15-16.30
SE 26	Effectiveness of Education for Environmental Sustainable Development to Enhance Environmental Literacy Anita Ekantini, Insih Wilujeng Universitas Negeri Yogyakarta	16.30-16.45

TUESDAY, 8 MAY 2018 / 13.00 - 16.30

ROOM: SUNFLOWER

CODE	TITLE	TIME
SE 27	Optimization of Plasticizer Glycerol in Edible Film Based Water Hyacinth (<i>Eichornia Crossipes</i>) Starch Abidah Walfathiyyah, Angli Pramudita Kusuma, Febi Nur Cahya Witana, Nurriza Qusyairi, Dewi Wahyuningtyas Institute of Science & Technology AKPRIND Yogyakarta	12.30-12.45
SE 28	The Effects of Sintering Time on The Properties of Hydroxyapatite Nano Crystals Nurlely, Djarwani S. Soejoko, Rahmi Febriani Universitas Indonesia	12.45-13.00
SE 29	The Construction of ARandugunting Dam As A Water Resources Conservation Effort in Blora Regency Hani Dwi Trisnaningsih, Dwi P. Sasongko <i>Diponegoro University</i>	13.00-13.15
SE 30	Physiologic Characteristic of Transgenic Rice (<i>Oryza sativa</i> L.) Overexpression SoSUT1 Gene CeshaAnanda Putri, Bambang Sugiharto, Parawita Dewanti Universitas Jember	13.15-13.30
SE 31	Development of Science Learning Oriented on Next Generation Science Standard to Improve Asking Questions – Defining Problems Skills Wulan Ambar Pratiwi, Insih Wilujeng, IGP Suryadarma, A.K. Prodjosantoso Universitas Negeri Yogyakarta	13.30-13.45
SE 32	Development of Science Learning Tools Oriented on Next Generation Science Standard Eka Adyianto, IGP. Suryadarma Universitas Negeri Yogyakarta	13.45-14.00
SE 33	Adapting Next Generation Science Standard to Improve Using Mathematics Computational Thinking in Science	14.00-14.15

	Lady Wahyu Hapsari, D. Rosana, A.K Prodjosantoso, Insih Wilujeng, IGP. Suryadarma Universitas Negeri Yogyakarta	
SE 34	Science Teacher's Response on Implementation of Integrated Science Learning in Junior High School Wiwin Puspita Hadi, Rahmi Faradisya Ekapti Trunojoyo Madura University	14.15-14.30
SE 35	Primary Teacher's View on STEM Education: A Case of Pre-Service Teachers in a Profesional Development Program Naomi Dias Laksita Dewi Unika Atma Jaya Jakarta	14.30-14.45
SE 36	Pre-Service Elementary Teachers (PETs) Perception toward the Scipreneur's Concept (Entrepreneurship in Science) Idam Ragil Widianto Atmojo ¹ , Sajidan ² , Widha Sunaryo ³ , Ashadi ⁴ , Dewanto Harjunowibowo ⁵ ^{1,2,3,4} Universitas Sebelas Maret ⁵ University of Nottingham, UK	14.45-15.00
Coffe Break		15.00-15.30

TUESDAY, 8 MAY 2018 / 13.00 - 16.30

ROOM: LOTUS

CODE	TITLE	TIME
SE 37	Encourage Developing-Using Models Skill by Next Generation Science Standard in Science Learning Eka Rachmawati, A.K Prodjosantoso, Insih Wilujeng, IGP Suryadarma Universitas Negeri Yogyakarta	12.30-12.45
SE 38	Next Generation Science Standard: New Standard in Science Learning to Increase Planning Carrying Out Investigation Skill Gustin Windriyana, AK Prodjosantoso, Insih Wilujeng, IGP Suryadarma Universitas Negeri Yogyakarta	12.45-13.00
SE 39	The Effectiveness of Science Learning Outcome Based on the Next Generations Science Standard Amiratul Ratna Putri, IGP Suryadarma, Insih Wilujeng, AK. Prodjosantoso Universitas Negeri Yogyakarta	13.00-13.15
SE 40	Elementary Teacher Profile about Assessment of Higher Order Thinking Gunaning Epinasti, ST.Y.Slamet, Sri Yamtinah Universitas Sebelas Maret	13.15-13.30
SE 41	Multiple-Choice With Reason (MCR) to Measure The Critical Thinking Skill on Natural Science: Plant and Animal Taufiq Satria Mukti, Edi Istiono Universitas Negeri Yogyakarta	13.30-13.45
SE 42	Gender Differences in Students' Science Literacy towards Learning on Integrated Science Subject Marantika Lia Kristiyasari, Sri Yamtinah, Suryadi Budi Utomo, Ashadi, Nurma Yunita Indriyanti Universitas Sebelas Maret	13.45-14.00
SE 43	The Analysis of High School Student Science Literacy Based on Nature of Science Literacy Test (NOSLiT) Pratiwi Restu Murti, Nonoh Siti Aminah, Harjana Universitas Sebelas Maret	14.00-14.15
SE 44	Analysis of Science Literacy Tests in Senior High School Students in Brebes District	14.15-14.30

	Ardina Titi Purbo Retno, Sulisty Saputro, Maria Ulfa Universitas Sebelas Maret	
SE 45	Examining of Information Literacy and Science Process Skills towards Grade Point Average: A Preliminary Research Hasan Subekti Herawati Susilo, Ibrohim, Hadi Suwono State University of Malang	14.30-14.45
SE 46	The Effects of Guided Inquiry Learning Toward Seven Grades' Scientific Literacy Classification of Living Things Material Nadia Listianingrum, Maridi, Nonoh Siti Aminah Universitas Sebelas Maret	14.45-15.00
Coffe Break		15.00-15.30