

PARALLEL SESSION SCHEDULE

International Conference on Research, Implementation, and Education of Mathematics and Sciences (10th ICRIEMS)

Thursday 10th August 2023

Room : Ballroom 1

Moderator : Dr. Retno Subekti, M.Si.

Topics : Mathematics

No.	Time	Name	Institution	Category	Title
1	13.30 - 14.00	Prof. Dr. Didi Suryadi, M.Ed.	Universitas Pendidikan Indonesia	Mathematics	An epistemic way of knowledge diffusion and acquisition through Didactical Design Research
2	14.00 - 14.15	Budi Priyo Prawoto	Universitas Negeri Surabaya	Mathematics	Vaccination and Quarantine Effect on Pneumonia Transmission Dynamics
3	14.15 - 14.30	Rudianto Artiono	Universitas Negeri Surabaya	Mathematics	The Valuation of Employee Stock Option with the Dilution Effect in VERR Model
4	14.30 - 14.45	Benny Yong	Parahyangan Catholic University	Mathematics	Using The S11S112S-Type Epidemiological Model to Determine Important Parameters for COVID-19 Transmission with Reinfection in Indonesia
5	14.45 - 15.00	Syaifudin Zuhri	Sebelas Maret University	Mathematics	Algorithm for Constructing Triple Total Graph of Commutative Ring
6	15.00 - 15.15	Lensi Maharani Pangestu Widi	Sebelas Maret University	Mathematics	Construct The Zero-Sum Graph of Ring \mathbb{Z}_n Using Python
	15.15 - 15.30	COFFEE BREAK			
7	15.30 - 15.45	Isran K. Hasan, S.Pd., M.Si	Universitas Negeri Gorontalo	Mathematics	Implementation of Support Vector Regression (SVR) with Flower Pollination Algorithm (FPA) for Rainfall Forecasting in Gorontalo Province
8	15.45 - 16.00	Eminugroho Ratna Sari	Yogyakarta State University	Mathematics	Mathematical Modeling of Cervical Cancer Cells Based on Age-Structured
9	16.00 - 16.15	Nikenasih Binatari	Yogyakarta State University	Mathematics	Stability criteria of two-dimensional delay differential system using Pontryagin Theorem

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Room : Ballroom 2

Moderator : Dr. Anggi Tias Pratama, M.Pd.

Topics : Biology

No.	Time	Name	Institution	Category	Title
1	13.30 - 14.00	Dr. Yuni Ahda, M.Si.	Universitas Negeri Padang	Biology	The Expression of COD Gene in Mice Liver Cells After Being Induced with Cinnamomum zeylanicum Crude Extract
2	14.00 - 14.15	Dewi Wahyuni K. Baderan	Universitas Negeri Gorontalo	Biology	An Analysis of Plant Vegetation Types and Structures on Popaya Island, North Gorontalo
3	14.15 - 14.30	Sucika Armiani, S.Si., M.Si	Universitas Pendidikan Mandalika	Biology	The Potential Of Mangroves As An Effort To Support Sustainable Ectourism In KEK Mandalika Lombok Island West Nusa Tenggara - Indonesia
4	14.30 - 14.45	Yuliana Retnowati	Universitas Negeri Gorontalo	Biology	Phosphate-Solubilizing Actinomycetes on Rhizosphere Plants in karst ecosystems of Gorontalo, Indonesia
5	14.45 - 15.00	Syam S. Kumaji, S.Pd., M.Kes	Universitas Negeri Gorontalo	Biology	Pathogenicity Testing of Vibrio sp. Bacterial Isolates on the Layang Fish (Decapterus sp.) Sold at the Central Market of Gorontalo City
6	15.00 - 15.15	Djuna Lamondo	Universitas Negeri Gorontalo	Biology	Effectiveness test of lime Juice (Citrus aurantifolia) toward Plumbum (Pb) Level in Fish Nike (Awaous melanocephalus)
	15.15 - 15.30	COFFEE BREAK			
7	15.30 - 15.45	Dr. Jusna Ahmad.,Dra.,M.Si	Universitas Negeri Gorontalo	Biology	ETHNOBOTANICAL STUDY OF PLANTS FOR THE BRIDE TREATMENT IN TRADITIONAL WEDDING OF THE GORONTALO COMMUNITY
8	15.45 - 16.00	Risma Wiharyanti	Yogyakarta State University	Biology	Bioactive Compounds and Their Benefit to Health: A Scoping Review of Fermented Coffee
9	16.00 - 16.15	dr. Kartika Ratna Pertiwi, M.Biomed.Sc., Ph.D	Yogyakarta State University	Biology	Black Garlic's Effects on Diabetes and Immunity: A Literature Review
10	16.15 - 16.30	Margaretha Solang	Universitas Negeri Gorontalo	Biology	Study of The Relationship Between Zinc, Albumin, IGF-1, Epiphyseal Plate and Bone Length in Malnourished Rats Given Blood Clams Through Path Analysis
11	16.30 - 16.45	Nonong Amalita	Universitas Negeri Padang	Biology	STATISTICAL REASONING ANALYSIS IN THE TOPIC OF HYPOTHESIS TESTING

Thursday 10th August 2023

Room : Ballroom 3

Moderator : Ahmad Kamal Sudrajat, M.Pd.

Topics : Biology & Biology Education

No.		Name	Institution	Category	Title
1	13.30 - 13.45	Dr. Lilan Dama, S.Pd., M.Pd.	Universitas Negeri Gorontalo	Biology Education	Implementation of Lesson Study Through the Design of Biology Learning Devices in Virtual Classroom Networks (Online) in the Form of Blended Learning
2	13.30 - 13.46	SITI RABIATUL FAJRI, S.Si., M.Pd	Universitas Pendidikan Mandalika	Biology	The Effect of Leaf Waste Type on Survival Rate and Larval Period of Black Soldiers Fly (<i>Hermetia illucens</i>) and C/N Ratio of Decomposed Media
3	14.00 - 14.15	Ahmad Kamal Sudrajat	Yogyakarta State University	Biology Education	The Influence of Gender and Motivation to Become a Teacher on Perceptions of Innovative Learning in Prospective Teacher Students
4	14.15 - 4.30	Ahmad Kamal Sudrajat	Yogyakarta State University	Biology Education	Teacher's Understanding of Assessment in The Merdeka Curriculum: A Case in Bantul Regency
5	14.30 - 14.45	Kristian Yosar Prihat Woro	Yogyakarta State University	Biology Education	Development of E-LKPD Based on Project Based Learning on the Learning Subject of Environmental Change to Improve Conceptual Understanding for Grade X
6	14.45 - 15.00	Suhandoyo	Yogyakarta State University	Biology Education	Implementation of Character Education in The Science Learning Process in Secondary Schools
7	15.00 - 15.15	Yuni Wibowo	Yogyakarta State University	Biology Education	KEMBANG SETAMAN IN THE SIRAMAN TRADITION AND BIOLOGICAL CONSERVATION
	15.15 - 15.30	COFFEE BREAK			
8	15.30 - 15.45	Ciptono	Yogyakarta State University	Biology	The Effect of Leaf Waste Type on Survival Rate and Larval Period of Black Soldiers Fly (<i>Hermetia illucens</i>) and C/N Ratio of Decomposed Media
9	15.45 - 16.00	Ciptono	Yogyakarta State University	Biology	The Effect of Fresh Coffee Fruit Decomposition Assisted by BSF (<i>Hermetia illucens</i>) Larvae on The Roasted Coffee Beans Organoleptic

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Room : Ballroom 4

Moderator : Didik Setyawarno, S.Pd.Si., M.Pd.

Topics : SDGs, STEM & Natural Science Education

No.		Name	Institution	Category	Title
1	13.30 - 14.00	Mita Anggaryani, Ph.D.	Universitas Negeri Surabaya	SDGs(Sustainable Development Goals)	Physics' Students Perspective of Risk Analysis in STOP DISASTER game for Teaching Disaster Mitigation
2	14.00 - 14.30	Prof. Dr. Sutikno, ST,MT	Universitas Negeri Semarang	SDGs(Sustainable Development Goals)	Research strategy and policy in accordance with the indicators of the Sustainable Development Goals (SDGs)
3	14.30 - 14.45	Daud Yusuf, S.Kom.,M.Si	Universitas Negeri Gorontalo	SDGs(Sustainable Development Goals)	Zoning of Mangrove Rehabilitation Areas in Pohuwato Regency Using Geography Information System Modelling
4	14.45 - 15.00	Sunarty Suly Eraku	Universitas Negeri Gorontalo	SDGs(Sustainable Development Goals)	Mapping Patterns of Settlement Development Using the Evaluation of the Built-up Land Index in the Universitas Negeri Gorontalo Campus Area
5	15.00 - 15.15	Fitryane Lihawa	Universitas Negeri Gorontalo	SDGs(Sustainable Development Goals)	ANALYSIS OF THE WATER QUALITY STATUS OF BUOL RIVER IN BUOL REGENCY USING THE POLLUTION INDEX METHOD
	15.15 - 15.30	COFFEE BREAK			
6	15.30 - 15.45	Dr. Sukirman Rahim, S.Pd., M.Si	Universitas Negeri Gorontalo	SDGs(Sustainable Development Goals)	THE IMPLEMENTATION EVALUATION OF COMMUNITY EMPOWERMENT PROGRAM IN THE COMMUNITY FOREST ACTIVITY IN TOMBULILATO VILLAGE, GORONTALO REGENCY
7	15.45 - 16.00	Muhamad Arif Mahdiannur	Universitas Negeri Surabaya	SDGs(Sustainable Development Goals)	Net Promoter Score Analysis as a Measure of Student Satisfaction for Sustainable Higher Education Service Quality
8	16.00 - 16.15	Sri Maryati	Universitas Negeri Gorontalo	STEM Education	LMS Utilization in Blended Learning for Disaster Geography Course in Geography Education Study Program, Universitas Negeri Gorontalo
9	16.15 - 16.30	Abdul Haris Odja	Universitas Negeri Gorontalo	Natural Science Education	Analysis of Self-Regulated Learning Tendency and Learning Outcomes of Fluid Concepts with Blended Learning Assisted by SIAT UNG Applications
10	16.30 - 16.45	Didik Setyawarno	Yogyakarta State University	Natural Science Education	Promoting 'Assessment as Learning' as a Science Learning Model to support the Implementation of Assessment in the Merdeka Curriculum
11	16.45 - 17.00	Mukhayyarotin Niswati Zodliyatul Jauhariyah	Universitas Negeri Surabaya	Natural Science Education	Scientific Creativity on Science Education: The Bibliometric Study from Scopus Database

Thursday 10th August 2023

Room : Heloconia

Moderator : Dr. R. Yosi Apriansari, M.Si

Topics : Physics & Physics Education

No.	Time	Name	Institution	Category	Title
1	13.30 - 14.00	Prof. Dr. Erfan Handoko, M.Si.	Universitas Negeri Jakarta	Physics	Development of Magnetic Materials For Microwave Absorption Applications
2	14.00 - 14.30	Dr. Luh Putu Budi Yamini, S.Pd., M.Sc.	Universitas Pendidikan Ganesha	Physics	Physics perspective: Rotation component of robotic manipulator motion in 4-DoF by quaternion method
3	14.30 - 14.45	Aang Panji Permana	Universitas Negeri Gorontalo	Physics	Study of Pyrite Mineral Type in Sorong Coal Based on Petrographic Analysis
4	14.45 - 15.00	Dewa Gede Eka Setiawan	Universitas Negeri Gorontalo	Physics	Analysis of Microtremor Data for Assessing Earthquake-Prone Surface Condition Based on a Soil Dynamics Study
5	15.00 - 15.15	Esmar Budi	Universitas Negeri Jakarta	Physics	The Effect of Pulse Current Density on the Surface Morphology of Electrodeposited Nickel-Composite Coatings
	15.15 - 15.30			COFFEE BREAK	
6	15.30 - 15.45	Merlyn Yoan Trivosa Benu	Universitas Negeri Malang	Physics Education	The Effect of STEM Approach with Assesment Formative in PBL on the Ability Level of Self-Directed Learning of Prospective Physics Teacher in Mechanical Wave Material
7	15.45 - 16.00	Achmad Samsudin	Universitas Pendidikan Indonesia	Physics Education	Development of MONTiTAL to Identify Preservice Physics Teachers Professional Program's Conceptions: Rasch Analysis Perspective
8	16.00 - 16.15	I Gede Aris Gunadi	Universitas Pendidikan Ganesha	SDGs	Analysis and Prediction of Damage to Lake Buyan Due to the Dynamics of Environmental Supporting Factors: Modeling, Analysis, Simulation
9	16.15 - 16.30	Tirtawaty Abdjul	Universitas Negeri Gorontalo	Natural Science Education	The Effectiveness of Professional 3D Pageflip-based Science Learning Media on Vibrations and Waves Material
10	16.30 - 16.45	Dewi Diana ParamataYu	Universitas Negeri Gorontalo	Natural Science Education	A Differentiated Approach Using a Project Based Learning Model on Earth Structure Material and Its Development
11	16.45 - 17.00	Uca	Universitas Negeri Makasar	SDGs	Flood Area Detection using Sentinel-1 on Google Earth Engine in Saddang Watershed, Enrekang Regency
12	17.00 - 17.15	Parsetyo Listiaji	Universitas Negeri Semarang	Natural Science Education	The Effectiveness of The Team based-Project Model on Visual Scratch Programming Learning to Increase Creativity and Computational Thinking Skill of Pre-service Science Teachers

Thursday 10th August 2023

Room : Lotus

Moderator : Dr. Cahyorini Kusumawardani, M.Si.

Topics : Chemistry

No.	Time	Name	Institution	Category	Title
1	13.30 - 14.00	Prof. Dr. Manihar Situmorang, M.Sc., Ph.D	Universitas Negeri Medan	Chemistry	The Potential of Sumatran Frankincense (<i>Styrax benzoin</i>) Forest Plants as a Source of Bioactive Compounds for Medicinal Raw Materials
2	14.00 - 14.15	Susana Wong Siew Tin	UNIVERSITI PENDIDIKAN SULTAN IDRIS, MALAYSIA.	Chemistry	Preparation and Characterization of Bergamot Essential Oil Nanoemulsion
3	14.15 - 14.30	Nurul Nabila Aini Binti Abdullah	UNIVERSITI PENDIDIKAN SULTAN IDRIS, MALAYSIA	Chemistry	Treatment of Fabrics with Essential Oil Nanoemulsion: Characterization, In-vitro Controlled-release and Retention Studies
4	14.30 - 14.45	Azlan Kamari	UNIVERSITI PENDIDIKAN SULTAN IDRIS, MALAYSIA	Chemistry	Chitosan-Titanium Dioxide Nanoadsorbent for Cd(II), Cu(II), Ni(II) and Pb(II) Ions: Adsorption Isotherm, Kinetics and Characterization Studies
5	14.45 - 15.00	Dr. La Ode Aman, M.Si	Universitas Negeri Gorontalo	Chemistry	LADOCK: ADT and AutoDock Interface for Simplifying the Virtual Screening Procedure
6	15.00 - 15.15	Suyanta	Yogyakarta State University	Chemistry	Development and Validation of UV-Vis Spectrophotometry Method for Chromium(VI) Analysis in Sodium Saccharin Industrial Samples
	15.15 - 15.30	COFFEE BREAK			
7	15.30 - 15.45	Eli Rohaeti	Yogyakarta State University	Chemistry	PREPARATION OF NANOPARTICLE USING MANGOSTEEN EXTRACT (<i>Garcinia mangostana</i> Linn) AND ITS APPLICATION TOWARD PICKLE GOAT SKIN
8	15.45 - 16.00	Erfan Priyambodo	Yogyakarta State University	Chemistry	Methylene Blue Dye Removal from Aqueous Solution using TiO ₂ -modified Zeolite Granules
9	16.00 - 16.15	Astin Lukum	Chemistry Department, Universitas Negeri Gorontalo	Chemistry	Production of Bioethanol from Molasses by Varying Brix and Yeast Concentration
10	16.15 - 16.30	Cahyorini Kusumawardani	Yogyakarta State University	Chemistry	The Effect of Nitrogen-doped on the Properties of Carbon Dots Materials Synthesized from Bagasse for Metals Detection
11	16.30 - 16.45	Mohammad Wijaya	Universitas Negeri Makassar	Chemistry	Characterization Compound Carbon Active Cacao Waste with Pyrolysis Technology

Thursday 10th August 2023

Room : Sunflower

Moderator : Dina, M.Pd.

Topics : Chemistry Education

No.	Time	Name	Institution	Category	Title
1	13.30 - 14.00	Habiddin, S.Pd., M.Pd., Ph.D.	Universitas Negeri Malang	Chemistry Education	The Profile of Chemistry mindset, Chemistry Identity, and Student's attitude towards Chemistry
2	14.00 - 14.30	Prof. Dr. Muhammad Danial, M.Si.	Universitas Negeri Makassar	Chemistry Education	Learning of High School Chemistry with Using V-Makes Technique
3	14.30 - 14.45	RIFQI GHUFROONI	UNIVERSITAS NEGERI JAKARTA	Chemistry Education	Challenging Students with Renewable Energy Issue: Implementing Design Thinking Practices to Boost Their Problem-Solving Skills
4	14.45 - 15.00	Drs. Mangara Sihaloho, M.Pd	Universitas Negeri Gorontalo	Chemistry Education	The Impact of Problem-Based Learning Model on Students' Critical Thinking Skills in the Topic of Electrolytes and Non-electrolytes
5	15.00 - 15.15	Masrid Pikoli	Universitas Negeri Gorontalo	Chemistry Education	Multiple Representation Ability of Chemistry Students on Chemical Equilibrium Materials
	15.15 - 15.30	COFFEE BREAK			
6	15.30 - 15.45	Rasamimanana Joronalona	Yogyakarta State University	Chemistry Education	An Overview of Trends from Selected Journals Published in 2021 and 2022 Concerning Project-Based Learning
7	15.45 - 16.00	Erica Anna Pratiwi	Yogyakarta State University	Chemistry Education	Analysis Correlation Between Divergent or Convergent Thinking Styles and Gender of Senior High Students in 11th Grade
8	16.00 - 16.15	Alin Mardiah	Universitas Negeri Jakarta	Chemistry Education	Connecting Chemistry to Life and Society: Promoting Students' Chemical Literacy through Ethnochemistry Learning Experiences
9	16.15 - 16.30	Alin Mardiah	Universitas Negeri Jakarta	Chemistry Education	Culturally Responsive Transformative Teaching (CRTT) Integrated Web-Based Learning: How Do Students Experience Critical Thinking Skills Development?
10	16.30 - 16.45	Wiwin Rewini Kunusa, S.Pd, M.Si	Universitas Negeri Gorontalo	Chemistry Education	The Influence of Implementing Problem-Based Learning on Students' Learning Outcomes in the Topic of Salt Hydrolysis
11	16.45 - 17.00	Julhim S. Tangio, S.Pd, M.Pd	Universitas Negeri Gorontalo	Chemistry Education	WEB-based Interactive E-module on Thermochemistry: Development and Experts' Perception

Thursday 10th August 2023

Room : Hibiscus
Moderator : Ezra Putranda Setyawan, S.Si., M.Sc.
Topics : Mathematics Educations

No.	Time	Name	Institution	Category	Title
1	13.30 - 14.00	Prof. Dr. Sarson W. Dj. Pomalato, M.Pd.	Universitas Negeri Gorontalo	Mathematics Education	The Effectiveness of TPACK-Based Multimodal Digital Learning Material on Mathematical Critical Thinking Ability
2	14.00 - 14.15	I Putu Pasek Suryawan, S.Pd., M.Pd.	Universitas Pendidikan Ganesha	Mathematics Education	The analysis of students' critical thinking in solving mathematical controversial problem based on computational thinking at vocational school
3	14.15 - 14.30	Tedy Machmud	Universitas Negeri Gorontalo	Mathematics Education	Mathematical Problem-Solving Ability Based on Cognitive Style Through the Project-Based Learning Model
4	14.30 - 14.45	Tatag Yuli Eko Siswono	Universitas Negeri Surabaya	Mathematics Education	Strengthening Students' Numeracy through Technology-assisted Realistic Mathematics Teaching Using Ethnomathematics-based Problems
5	14.45 - 15.00	Tatag Yuli Eko Siswono	Universitas Negeri Surabaya	Mathematics Education	Enhancing Students' Mathematical Problem-Solving through Collaborative Problem-Posing Activities: An Explorative Study
6	15.00 - 15.15	Tatag Yuli Eko Siswono	Universitas Negeri Surabaya	Mathematics Education	Cases Design for Implementing Case-Based Instruction in Mathematical Thinking Courses
	15.15 - 15.30	COFFEE BREAK			
7	15.30 - 15.45	Nursiya Bito	UNIVERSITAS NEGERI GORONTALO	Mathematics Education	THE URGENCY OF MATHEMATICAL LITERACY IN ICT-BASED LEARNING IN THE 21ST CENTURY
8	15.45 - 16.00	Khardiyawan A. Y. Pauweni	Universitas Negeri Gorontalo	Mathematics Education	Increasing Student Learning Outcomes Through The Use Of Multimedia-Based Learning Android Class VIII Circle Materials At Tilango 1 State Middle School
9	16.00 - 16.15	Gregoria Ariyanti	Universitas Katolik Widya Mandala Surabaya	Mathematics Education	Discourse Analysis of Student Responses to the Personal Competence of Mathematics Teachers After the Covid-19 Pandemic
10	16.15 - 16.30	Ardani	Yogyakarta State University	Mathematics Education	Mathematical justification skill of student in mathematics learning with Realistics Mathematics Education (RME) approach
11	16.30 - 16.45	Endah Retnowati	Yogyakarta State University	Mathematics Education	Developing numeracy skills in arithmetics using a worked example based instruction: a lesson study

Friday 11th August 2023

Room : Ballroom 1

Moderator : Denny Darmawan, M.Sc.

Topics : Physics, Physics Education, SDGs, Natural Science Education

No.	Time	Name	Institution	Category	Title
1	08.00 - 08.15	Denny Darmawan	Universitas Negeri Yogyakarta	Physics	Liquefaction potential identification based on microtremor signals measurement at Manisrenggo, Jogonalan and Kebonarum Subdistrict of Klaten Regency, Central Java
2	08.15 - 08.30	Khafidh Nur Aziz	Universitas Negeri Yogyakarta	Physics	Application of Euler Deconvolution on GGMplus Gravity Data for the Lembang Fault
3	08.30 - 08.45	Rida Siti Nur'aini Mahmudah	Universitas Negeri Yogyakarta	Physics	Analysis of the Influence of Initial Wave Amplitude and Slope of the Beach Base on the Energy of Breaking Waves with OpenFOAM
4	08.45 - 09.00	Desty Zafira Riztanti	Universitas Negeri Yogyakarta	Physics Education	Integration of Local Wisdom on PBL Model to Improve Student' Conceptual Understanding and Science Process Skills in Physics
5	09.00 - 09.15	Hanidah Nauli T	Universitas Negeri Yogyakarta	Physics Education	Development of SETS-Based Optics Modules to Improve College Students' Conceptual Understanding of Light Reflection Material

Friday 11th August 2023

Room : Ballroom 1
 Moderator : Dr. Kuswari Hernawati, M. Kom.
 Topics : Mathematics Education

No.		Name	Institution	Category	Title
1	09.30 - 09.45	Shaheb Alkiram	Yogyakarta State University	Mathematics Education	Development of E-Modul Based Realistic Mathematics Education Using Blended Learning Oriented Towards Computational Thinking Skills
2	09.45 - 10.00	Himmawati Puji Lestari	Universitas Negeri Yogyakarta	Mathematics Education	Open Problems as Activities in Differentiated Instruction of Analytical Geometry
3	10.00 - 10.15	Wahyu Purwaningsih	UNIVERSITAS NEGERI YOGYAKARTA	Mathematics Education	Investigating the Competence of Primary School Teachers Using Education Game (EduGame) Multimedia for Mathematics Learning in Yogyakarta
4	10.15 - 10.30	Sri Ayu Devi	Universitas Negeri Yogyakarta	Mathematics Education	How Ispring Suite learning media can improve students' metacognitive abilities and interest in mathematics subject: Literature Review
5	10.30 - 10.45	Welni Anugrah Lestari	Univertas Negeri Yogyakarta	Mathematics Education	The Effectiveness of Learning Mathematics According to the Project-Based Learning Approach in Developing the Statistical Literacy and Self-Regulated Learning of Second Grade of Junior High School
6	10.45 - 11.00	Refiona Andika	Universitas Negeri Padang	Mathematics Education	Unlocking Critical Thinking Skills through Case-Based Learning: Enhancing Problem-Solving

Friday 11th 2023

Room : Ballroom 2

Moderator : Rizqa Devi Anazifa, M.Pd.

Topics : Biology & Natural Science Education

No.		Name	Institution	Category	Title
1	08.00 - 08.15	Dr. Ir. Suhartini, MS	Yogyakarta State University	Biology	The Effect of Liquid Organic Fertilizer from a Mixture of Fruit, Vegetable, and Livestock Wastes on the Number of Microbes, Nodules, and Growth of Peanut Plants (<i>Arachis hypogaea</i> L.)
2	08.15 - 08.30	Audrey Louise Makatita, S.Pd., M.Pd	Universitas Kristen Wira Wacana Sumba	Biology Education	Development of learning tools for project based learning (PjBL) models combined with blended learning of ecosystem materials
3	08.30 - 08.45	Ni Putu Sri Ratna Dewi, S.Pd., M.Pd.	Universitas Pendidikan Ganesha	Biology Education	Improving Science Literacy with Bali Megedong-Gedongan Local Culture-Based Flipbook During Covid 19
4	08.45 - 09.00	Ratna Dyah Hartanti	Universitas Negeri Yogyakarta	Biology Education	Profile Of Environmental Care Attitude Student's Through Biology Based-Environment Learning In Yogyakarta Region
5	09.00 - 09.15	Rizqa Devi Anazifa	Yogyakarta State University	Biology Education	Biology Teachers' Knowledge and Perspectives on the Difference Levels of Inquiry-Based Learning
6	09.15 - 09.30	Ikhsan Wahyu Wiraputra	Yogyakarta State University	Natural Science Education	The Ethnoscience Potential of Salted Egg Making as a Science Learning Problem
7	09.30 - 09.45	Dr.Asri Widowati	Yogyakarta State University	Natural Science Education	Mobile Inquiry based Learning Approach in Natural Science Education: A Comprehensive Literature Review
8	09.45 - 10.00	Nina Khaerunnisa	Yogyakarta State University	Natural Science Education	Development of an Assessment Instrument to Measure Students' Critical Thinking Skills on The Subject of The Human Excretory System
9	10.00 - 10.15	Laily Rochmawati Listiyani	Yogyakarta State University	Natural Science Education	Get to know Traditional Herbal Medicine through Ethnoscience-Based Science Learning
10	10.15 - 10.30	Tias Ernawati	Yogyakarta State University	Natural Science Education	Culturally Responsive Teaching: A Guide for Prospective Science Teachers to Teach in Diverse Classrooms
11	10.30 - 10.45	Ahmad Kamal Sudrajat	Yogyakarta State University	Biology Education	The Influence of Gender and Motivation to Become a Teacher on Perceptions of Innovative Learning in Prospective Teacher Students
12	10.45 - 11.00	Ahmad Kamal Sudrajat	Yogyakarta State University	Biology Education	Teacher's Understanding of Assessment in The Merdeka Curriculum: A Case in Bantul Regency

Friday 11th August 2023

Room : Ballroom 3

Moderator : Purwanti Widhy Hastuti, M.Pd.

Topics : Natural Science Education

No.		Name	Institution	Category	Title
1	08.00 - 08.15	Zaenal Fanani	Badan Pengembangan Sumber Daya Manusia Daerah Provinsi Kalimantan Selatan	Natural Science Education	Teachers' Understanding of Inquiry-Based Learning for Teaching Science
2	08.15 - 08.30	Fajar Fitri	Universitas Negeri Yogyakarta	Natural Science Education	Implementation of The Science E-Book Integrated with Batik Bantulan to Improve Student Scientific and Cultural Literacy
3	08.30 - 08.45	F. Shoufika Hilyana	Universitas Muria Kudus	Natural Science Education	Implementation of SSP (Subjects Specific Paedagogy) based on TPACK to Students' Scientific Literacy Abilities
4	08.45 - 09.00	Habibah Nurhasanah	Universitas Negeri Yogyakarta	Natural Science Education	The Ethnoscience Potential of Geplak Making as a Science Learning Problem
5	09.00 - 09.15	Dita Puji Rahayu		Natural Science Education	INVESTIGATING PRESERVICE SCIENCE TEACHERS' CONCEPT MAP
6	09.15 - 09.30	Wenny Pinta Litna Tarigan	Universitas Negeri Yogyakarta	Natural Science Education	The Relevance of Computational Thinking and Creativity in Project Based Learning: A Systematic Review
7	09.30 - 09.45	Siwi Purwanti, Zuhdan Kun Prasetyo, Asri Widowati	Universitas Negeri Yogyakarta	Natural Science Education	LITERATURE STUDY ON TEACHER PEDGOGIC COMPETENCE IN ELEMENTARY SCIENCE LEARNING IN ELEMENTARY SCHOOL
8	09.45 - 10.00	Astuti Wijayanti	Universitas Negeri Yogyakarta	Natural Science Education	Analysis of Learning Resource Utilization and 21st Century Skills of Prospective Science Teachers to Support the Independent Curriculum
9	10.00 - 10.15	Purwanti Widhy Hastuti	Universitas Negeri Yogyakarta	Natural Science Education	Experiential Learning Integrated Inquiry in Science Education: A Conceptual Framework
10	10.15 - 10.30	Fina Fakhriyah	Universitas Negeri Semarang	Natural Science Education	Characteristics of Scaffolding Argument-Driven by Inquiry Learning Design based on Scientific Literacy to Improve Scientific Argumentation Ability

Friday 11th August 2023

Room : Ballroom 4

Moderator : Pranjoto Utomo, M.Si.

Topics : Chemistry

No.	Time	Name	Institution	Category	Title
1	08.00 - 08.15	Jefferson Lynfors Declan	Universitas Negeri Jakarta	Chemistry	Rapid Detection of <i>Listeria monocytogenes</i> Targeted in <i>la</i> Gene in Vegetables Sample using real-time Polymerase Chain Reaction Method
2	08.15 - 08.30	Isana Supiah Yosephine Louise	Universitas Negeri Yogyakarta	Chemistry	MEDICINE VOLTAMOGRAM OF WILD PLANT: BINAHONG (<i>ANREDERA CORDIFOLIA</i>)
3	08.30 - 08.45	Kun Sri Budiasih	Universitas Negeri Yogyakarta	Chemistry	Extraction of tannin and complex formation of Fe(III)-tannin from <i>Terminalia catappa</i>
4	08.45 - 09.00	Adinda Myra Amalia Putri	Universitas Negeri Jakarta	Chemistry	Efficacy Test for Prototype Detection Kit of <i>pef</i> <i>Salmonella typhimurium</i> Gene using Real-Time Polymerase Chain Reaction Method
5	09.00 - 09.15	Gladys Indira Putri	Universitas Negeri Jakarta	Chemistry	Rapid Detection of <i>Vibrio alginolyticus</i> collagenase Gene in Seafood Using real-time Polymerase Chain Reaction Method
6	09.15 - 09.30	Rosita Gio Anggraeni	Universitas Negeri Jakarta	Chemistry	The Potential of <i>ystA</i> and <i>ail</i> Genes as a Target Detection for <i>Yersinia enterocolitica</i> using Polymerase Chain Reaction Method
7	09.30 - 09.45	Sri Atun	Universitas Negeri Yogyakarta	Chemistry	Screening of Potential Compounds of <i>Zingiber officinale</i> Against Main Protease SARS-COV-2 In Silico Molecular Docking
8	09.45 - 10.00	Sri Atun	Universitas Negeri Yogyakarta	Chemistry	Antioxidant Activity of Aloe vera Gel and Prediction of the Interaction Mechanism Against the Human ROS1 Kinase Receptor in Silico
9	10.00 - 10.15	Atikah Nur Rahmawati	Universitas Negeri Jakarta	Chemistry	Validation of Prototype Detection Kit for Pathogenic Bacteria <i>Cronobacter sakazakii</i> Causes Foodborne Diseases by Polymerase Chain Reaction
10	10.15 - 10.30	Ayu Berkahingrum	Universitas Negeri Jakarta	Chemistry	Exploring the potential <i>purR</i> gene as a target for <i>Bacillus subtilis</i> Detection using Polymerase Chain Reaction Method
11	10.30 - 10.45	Mifta Fajarwati	Universitas Negeri Yogyakarta	Chemistry	STABILIZATION OF LEAD IN HYDRATED CaO-PbO _x -SiO ₂
12	10.45 - 11.00	Tiara Fahriza	Universitas Negeri Jakarta	Chemistry	Efficacy Test for Prototype Detection Kit of <i>hly</i> <i>Listeria monocytogenes</i> Gene using Real-Time Polymerase Chain Reaction Method

No.	Time	Name	Institution	Category	Title
13	11.00-11.15	Agung Abadi Kiswandono	University of Lampung	Chemistry	Phenol Transport Using the Supported Liquid Membrane Method Containing Co-EDAF 8%: Effect of Stirring Speed and Repeated Using
14	11.15-11.30	Anisa Rahmawati	University of Lampung	Chemistry	Effect of Repeated Use and Heavy Metals on Phenol Transport Using the Method Supported Liquid Membrane Containing Copoly(Eugenol-Divinyl Benzene) 8%

Friday 11th August 2023

Room : Sunflower

Moderator : Metridewi Primastuti, M.Pd.

Topics : Chemistry Education

No.		Name	Institution	Category	Title
1	08.00 - 08.15	Abdurrohlim	Universitas Negeri Jakarta	Chemistry Education	Revealing Chemistry Perspective in Cultural Practices to Promote Students' Critical Thinking Skills through Culturally Responsive Transformative Teaching
2	08.15 - 08.30	Faiz Ilham Pratama	Yogyakarta State University	Chemistry Education	Senior High School Students' Chemical Literacy Ability on Chemical Equilibrium: A Case of Coral Reefs Topic
3	08.30 - 08.45	Fradhika Maulidina	UIN Sunan Kalijaga Yogyakarta	Chemistry Education	Universal Design for (Chemistry) Learning: Applying Action and Expression Principle
4	08.45 - 09.00	Erlina Azmi Siregar	Yogyakarta State University	Chemistry Education	Chemistry Education Research Trends in International Journal of Science Education: A Review for 2018-2022
5	09.00 - 09.15	Marfuatun	Universitas Pendidikan Indonesia	Chemistry Education	The frameworks and Types of Chemical Literacy Tests: A Systematic Review
6	09.15 - 09.30	Elsima Nainggolan	Yogyakarta State University	Chemistry Education	A Systematic Review of the Research Papers of Problem-Based Learning in Chemistry
7	09.30 - 09.45	Nabilah Putri Mabrukah	Yogyakarta State University	Chemistry Education	Student Career Interests in Science: A Study of STEM-Based Learning on Buffer Topic
8	09.45 - 10.00	Sabrina Aulia Afifah	Yogyakarta State University	Chemistry Education	Chemistry Teachers' Perception About Socio-Scientific Issues Context Based Learning
9	10.00 - 10.15	Abdillah Nur Fitriana	Yogyakarta State University	Chemistry Education	Development Of Chemical Equilibrium E-Book in the Environmental Context To Promote Students' Chemical Representation Ability
10	10.15 - 10.30	Endang Jariati	Yogyakarta State University	Chemistry Education	Multiple representation-based e-book for chemical equilibrium topic: A development process
11	10.30 - 10.45	Rika Wulandari	Yogyakarta State University	Chemistry Education	The Chemistry Bonding Module with Problem-Based Learning Approach Contributes to Improving Critical Thinking and Students' Self-Directed Learning
12	10.45 - 11.00	Diasista Sabrina Deasandra	Yogyakarta State University	Chemistry Education	The Effect Of Peer-Led Team Learning On The Cognitive Learning Outcomes Of Class XI Science Students Senior High School In Buffer Solution Material
13	11.00 - 11.15	Metridewi Primastuti	Yogyakarta State University	Chemistry Education	Environmental Chemistry Course: Mapping Undergraduate Chemistry Students' Environmental Care Character