



ICCEGI
The International Conference on
Chemistry, Education, and
Global Innovation

PARALLEL SESSION ROOMS SCHEDULE

The 1st International Conference on Chemistry, Education, and Global Innovation
11 October 2025

Time								Agenda
Philippines (PHT/ GMT+8)	Brunei (BNT / GMT+8)	Malaysia (MYT / GMT+8)	Japan (JST / GMT+9)	Thailand (ICT / GMT+7)	Taiwan (CST / GMT+8)	Pakistan (PKT / GMT+5)	Surabaya (WIB/ GMT +7)	
15.25-15.40	15.25-15.40	15.25-15.40	16.25-16.40	14.25-14.40	15.25-15.40	12.25-12.40	14.25-14.40	Invited speaker Presentation
15.40 – 15.45	15.40 – 15.45	15.40 – 15.45	16.40 – 16.45	14.40 – 14.45	15.40 – 15.45	12.40 – 12.45	14.40 – 14.45	Q & A Session and Certificate of Appreciation
15.45-15.55	15.45-15.55	15.45-15.55	16.45-16.55	14.45-14.55	15.45-15.55	12.45-12.55	14.45-14.55	Presenter 1 Presentation
15.55 – 16.05	15.55 – 16.05	15.55 – 16.05	16.55 – 17.05	14.55 – 15.05	15.55 – 16.05	12.55 – 13.05	14.55 – 15.05	Presenter 2 Presentation
16.05-16.15	16.05-16.15	16.05-16.15	17.05-17.15	15.05-15.15	16.05-16.15	13.05-13.15	15.05-15.15	Presenter 3 Presentation
16.15 – 16.30	16.15 – 16.30	16.15 – 16.30	17.15 – 17.30	15.15 – 15.30	16.15 – 16.30	13.15 – 13.30	15.15 – 15.30	Q & A Session
16.30 – 16.40	16.30 – 16.40	16.30 – 16.40	17.30 – 17.40	15.30 – 15.40	16.30 – 16.40	13.30 – 13.40	15.30 – 15.40	Presenter 4 Presentation
16.40 – 16.50	16.40 – 16.50	16.40 – 16.50	17.40 – 17.50	15.40 – 15.50	16.40 – 16.50	13.40 – 13.50	15.40 – 15.50	Presenter 5 Presentation
16.50-17.00	16.50-17.00	16.50 -17.00	17.50-18.00	15.50-16.00	16.50-17.00	13.50-14.00	15.50-16.00	Presenter 6 Presentation
17.00-17.15	17.00-17.15	17.00 -17.15	18.00-18.15	16.00-16.15	17.00-17.15	14.00 – 14.15	16.00– 16.15	Q & A Session



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Time : 14.25-16.30 Western Indonesian Time (WIB)

Room : 1

Moderator : Bertha Yonata, S.Pd., M.Pd.

No	Abstract ID	Full Name Presenter	Intitution	Abstract Title
Invited Speaker		Prof. Dr. Antuni Wiyarsi, M.Sc.	Universitas Negeri Yogyakarta	Indonesian Chemistry teachers implementing innovation through green and sustainable chemistry practical activities - an IUPAC global survey
1	25123	Adinda Nuriska Ragil Kinanthi	Universitas Negeri Surabaya	Validity of Student Worksheet Based on the Argument Driven Inquiry Learning Model to Train Students' Argumentation Skills on Chemical Equilibrium Material
2	25103	Rizky Agassy Sihombing, M.Pd.	Graduate Institute of Science Education, National Taiwan Normal University	Evaluation of Student Comprehension of Interactive E-book with ESD Content: A Didactic Reduction Approach to Assess Understanding of Environmental Issues in Junior High School Students
3	25116	Rosi Oktiani, M.Pd.	Universitas Pendidikan Indonesia	Exploring Teachers' Knowledge of SDGs Through Small-Scale Green Chemistry Experiments In Chemistry Education
4	25101	Associate Professor Kimberly Rivera	Ateneo de Manila University, Philippines and Bataan Peninsula State University, Philippines	Learning Redox with ChatGPT: Freshmen Teacher Education Students' Experiences and Reflections
5	25121	Dikky Hutama Saputra	Universitas Negeri Surabaya	Effectiveness of 3D Flipbook Media in Enhancing Students' Visual–Spatial Skills: A Study in Molecular Geometry Learning
6	25114	Egi Rahman Permadi	Universitas Negeri Surabaya	Analysis of Learning Profiles of Students with Intellectual Disabilities on Electron Configuration Material Using Individual Education Learning Strategies.



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Room : 2

Moderator : Dr. Rosalina Eka Permatasari, M.Pd.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
1	25127	Fariz Deva Ardiansyah	Universitas Negeri Surabaya	The Effectiveness of Learning Media on Atomic Structure Material: A Literature Review
2	25129	Findy Nur Hidayah	Universitas Negeri Surabaya	The Effectiveness of Using Interactive Video-Based Media to Improve Motivitation In Chemistry Learning: A Literature Review
3	25106	Fissilmi Kaaffah	Universitas Negeri Surabaya	Profilling Students Scientific Literacy Skills in the Reaction Rate Topic through STEM Based E-LAPD
4	25112	Hana Salsabila Virani	Universitas Negeri Surabaya	Learning Profile of Slow Learner Intellectual Disability Students on the Periodic Properties of Elements Material Through E-LAPD with Individual Education Learning Strategy
5	25110	Jihan Sakinah Al Farhani	Universitas Negeri Surabaya	Profile of Intellectual Disability Students Learning on Liveworksheet Based E-LAPD in Reaction Equation and Chemical Reaction Balancing Material with Individual Education Learning Strategies
6	25115	Khalifa Aurora Ardani, S.Pd.	Universitas Pendidikan Indonesia	Analysis of Students' Learning Barriers on the Topic of Biopolymers: A Preliminary Study of Learning Design Development
7	25131	Dr. Rosalina Eka Permatasari, M.Pd.	Universitas Negeri Surabaya	Improving Student Understanding and Edupreneurship Based on Analytical Chemistry Student Activity Sheets (LAM) Closed Case Study



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Room : 3

Moderator : Antina Delhita, S.Pd., M.Pd.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
1	25111	Shinta Dian Pramesty	Universitas Negeri Surabaya	Analysis of the Profile of Students with Intellectual Disabilities Through the Use of E-LAPD for Individual Education on Mol Concept Material
2	25124	Vera Dessy Noevita, S.Pd.	Universitas Negeri Surabaya	Operational Guidebook Development for FTIR Spectrum Two and Buchi Rotavapor R-300 Instruments in the Chemistry Research Laboratory, Faculty of Mathematics and Natural Sciences, Universitas Negeri Surabaya
3	25108	Wahyu Aprilia Rahmayanti	Universitas Negeri Surabaya	Profile and Learning Strategies of Students with Intellectual Disabilities in Studying Comparison Laws of Constant and Volume Comparison Laws through E-LAPD Assisted Liveworksheet Using Individual Education Learning Strategies
4	25120	Winda Fourthelina Sianturi, S.Pd.	Universitas Pendidikan Indonesia	Profile of Vocational High School Students' Creative Thinking Skills through Contextual Chemistry Learning on the Topic of Colloid Systems
5	25107	Zelinda Fitri Amalia	Universitas Negeri Surabaya	Learning Profiles and Competency Changes of Students with Intellectual Disabilities through the Use of E-LAPD with Individualized Learning Strategies via Digital Media Liveworksheet on Atomic Theories
6	25113	Mochammad Rizky Kurniawan	Universitas Negeri Surabaya	Analysis of Profiles and Learning Strategies of Students with Intellectual Disabilities through the Use of Liveworksheets Using E-LAPD to Improve Understanding of Chemical Concepts in the Material on Chemical Compound Nomenclature.



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Room : 4

Moderator : Dr. Amiq Fikriyati, M.Pd.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
Invited Speaker		Prof. Habiddin, M.Pd., Ph.D.	Universitas Negeri Malang, Indonesia	Empowering non-cognitive factors in chemistry education
1	25102	Annisa Khairani Putri, S.Pd	Universitas Pendidikan Indonesia	Students' Learning Barriers Analysis in Extraction: Preliminary Study of Developing a Didactic Design Based on Systems Thinking
2	25128	Andry Yana, S.Pd.	Universitas Pendidikan Indonesia	Assessment And Evaluation In Chemistry Education
3	25105	Galuh Clarisa	Universitas Negeri Surabaya	The Effectiveness of Using Animated Videos As a Learning Medium To Reduce Students Misconceptions About Reaction Rate Material
4	25119	Rusmini	Universitas Negeri Surabaya	Science Process Skills Profile of First Semester Students in Basic Chemistry Course
5	25132	Dhini Ainul Fithrotinnisa'	Universitas Negeri Surabaya	Conceptual Change Strategies to Remediation Chemistry Students' Misconceptions: A Literature Review
6	25104	Diksi Sandra Murbarani	Universitas Pendidikan Indonesia	Impementation Of The Repitition Method And Its Impact On The Learning Achievement Of Slow Leaner Students In Inclusive Schools



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Time : 14.25-16.30 Western Indonesian Time (WIB)

Room : 5

Moderator : Dr. Rusly Hidayah, M.Pd.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
1	25126	Muhammad Aditya Rajasa	Universitas Negeri Surabaya	Leveraging Digital Equity and Teacher Empowerment for Quality Chemistry Education in Indonesia: A Literature Review Towards SDG 4
2	25109	Amelia Aura Trisiawati	Universitas Negeri Surabaya	Digitalization of Inclusive Chemistry Learning: Analysis of Profiles and Learning Outcomes of Students with Intellectual Disabilities through E-LAPD Liveworksheet in Individualized Education on Lavoisier and Dalton's Laws
3	25118	Atep Rian Nurhadi, S.Pd., M.Pd.	Universitas Pendidikan Indonesia	Exploring Students' Scientific Literacy Profiles in ESD Project-Based Learning: Extraction of Natural Food Colorants from Waste Fruit Peels
4	25122	Dia Ayu Permatasari	Universitas Negeri Surabaya	Validity of Students Worksheet Based on PjBL in Osmotic Pressure Submaterial to Train Critical Thinking Skills Students
5	25125	Elok Amalia, S.Pd.	Universitas Negeri Semarang	Exploring Student Perspectives on the Use of AI in Chemistry Learning: A Case Study at MAN 3 Banyuwangi
6	25117	Rosyidah Syafaatur Rohmah, M.Pd.	Universitas Pendidikan Indonesia	Enhancing the Digital Competency of Chemistry Teachers Through Fabrication Laboratory Workshops for Molecular Shape Kit Creation



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Time : 14.25-16.30 Western Indonesian Time (WIB)

Room : 6

Moderator : Dr. Prima Retno Wikandari, M.Si.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
Invited Speaker		Ir. Bouman Tiroi Situmorang, S.T., M.T., Ipu	PT Smelting Gresik	
1	25222	Abdullahi Abubakar	University Malaya	Eco-Friendly Innovations in Dispersive Solid-Phase Extraction: The Role of Iron Oxide Nanoparticles in Sustainable Analytical Chemistry
2	25234	Aflah Farchan Rizqullah	Institut Teknologi Sepuluh Nopember	Optimization of Nitrate Adsorption Using KOH-Activated Corncob and Coconut Shell Carbon with FCCD-RSM
3	25213	ChM. Faizah binti Mohammad Yunus	Universiti Malaya (Malaysia)	Development of 3D-Printed Polymeric Ionic Liquid-Coated M-SPE Devices for Multi-Class Pesticide Extraction in Spices Prior to GC-ECD Analysis
4	25219	Nur Anisa Rosyidah, S.Si.	Institut Teknologi Bandung	Copper-Based Carbon Paste Electrodes for Nonenzymatic Glucose Sensors
5	25231	Ruzain Rafie Sukma Putra	Institut Teknologi Sepuluh Nopember	Electrochemical Detection of Nitrite Using a Fe ₃ O ₄ /Nafion-Modified Gold Wire Electrode
6	25228	Erna Fitriany, M.Si.	Institut Teknologi Sepuluh Nopember Surabaya	Preliminary study of modified iron electrodes for ammonia nitrogen detection



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Room : 7

Moderator : Dr. Andika Pramudya Wardana, M.Si.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
1	25216	Intan Fitriana Sari	Institut Teknologi Bandung	Aplication of Molecularly Imprinted Polymer (MIP) for Crystal Violet Adsorption
2	25215	Miss Cynthia Jane John Cantius	Universiti Malaya (UM), Malaysia	Development of Beta-Cyclodextrin Polymerised Epichlorohydrin Membrane for Paper Based Thin Film Microextraction of Phthalates In Cosmetics and Baby Products
3	25204	Muhammad Hasnun Md Yusoff	Universiti Sains Malaysia	Structural Characterization and Bioactivity Evaluation of Plant-Derived Polysaccharides Extracted with Deep Eutectic Solvents
4	25217	Nabila Eka Yuningsih, S.Si., M.Si	Institut Teknologi Sepuluh Nopember	Enhanced Phosphate Adsorption from Sugarcane Bagasse Biochar:focusing on optimization using experimental design
5	25245	Tazkiya Auliya	Universitas Negeri Surabaya	Effect of Template Ion and Ligand Composition Ratio on Synthesis of Ionic Imprinted Polymer for Adsorption of Fe(III) Ions
6	25242	Felisa Nadia Oktavira Putri Surya	Universitas Negeri Surabaya	Effect of Contact Time on Fe(III) Adsorption Using Ionic Imprinted Polymer (IIP) Adsorbent
7	25240	ZHANG SHUAI	University of Malaya	Development of molecularly imprinted polymer for selective extraction of rhodamine b



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Room : 8

Moderator : Dr. First Ambar Wati, S.Si.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
1	25255	Arini Qurrata A'yun	Brunei Darussalam University	Characterization of Electroactive Molecules Containing Azobenzene by Experimental and Computational Quantum Chemistry Methods
2	25258	Ferdiansyah Setiawan	Universitas Negeri Surabaya	A DFT Study of CO Adsorption on Heteroatom-Doped Coronene
3	25233	I Gusti Putri Wimas Savitri	Universitas Negeri Surabaya	Improvement of Solubility And Stability of p-Methoxycinnamate (EPMS) Using Beta Cyclodextrin Derivaties Trough Inclusion Complex: Molecular Dynamics Study
4	25206	Muhammad Shafiq	H. E. J. Research Institute of Chemistry, International Center for Chemical and Biological Sciences (ICCBS), University of Karachi, Karachi-75270, Pakistan	AlN with biphenylene network nanostructure as a potential green anode for Li-ion batteries
5	25243	RD. Zahra Ghea Aurellyya	Universitas Negeri Surabaya	Utilization of gingerol to enhance anti-cancer activity through inclusion of a complex with beta-cyclodextrin derivatives: a computational study
6	25263	Mohammad Wisnu Wardana	Universitas Negeri Surabaya	Computational Study Of Alkaloid Compounds From Gynura procumbens AS PLK-1 And Androgen Receptor Inhibitors In Prostate Cancer Cells
7	25235	Shafira Basri	Universitas Negeri Surabaya	Molecular Docking of Amino Acids as TrkB Receptor Agonist Activity on Edible Bird's Nest Hydrolysate and Its Neurodevelopmental Benefits



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Room : 9

Moderator : Dr. Indah Ardiningsih, M.Sc.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
Invited Speaker		Dr. Kiki Gustinasari, S.T.	Universitas Brawijaya	Constructed Wetland – Microbial Fuel Cells as Toxicity Early Warning System of Glyphosate Residue in Agricultural Runoff
1	25201	Adam Wiryawan	Universitas Brawijaya, Indonesia	The Effect of Soil Treatment on Micro Metal Contents in Soil at UB Forest in Malang District, East Java, Indonesia
2	25244	Dr. Linda Hevira, M.Si.	UMNatsir Bukittinggi	Black Soldier Fly-Derived Chitosan-STTP Hybrid Adsorbent for Sustainable Removal of Cefixime from Wastewater
3	25209	Kaharuddin	Hasanuddin University	Synthesis of new composites (CMC, Silica, Chitosan and Fe ₃ O ₄) as adsorbents to handle Pb and Cd metal ions in aquatic wastewater
4	25257	Dr. Maria Monica Sianita Basukiwardojo, M.Si	Universitas Negeri Surabaya	Novel method for removing Cadmium from wastewater using Ethylenediaminetetraacetic acid as ligand, based on Ionic Imprinted Polymer Technology – a Preliminary Study
5	25248	Herwin S.T.P	Institut Teknologi Sepuluh Nopember	Modification Of Natural Magnetite (Fe ₃ O ₄) with Polypyrrole for Cr(VI) Adsorption : Optimization using Box–Behnken Design
6	25208	Annisaa Siti Zulaicha, S.Pd., M.Si.	Universitas Lampung	Fabrication of Fe ₃ O ₄ -Modified Activated Carbon from Oil Palm (Elaeis guineensis Jacq.) Shells as an Adsorbent for Crystal Violet



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Time : 14.25-16.30 Western Indonesian Time (WIB)

Room : 10

Moderator : Amalia Putri Purnamasari, S.Si., M.Si.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
1	25262	Excelino Hendrata	Universitas Negeri Surabaya	Green Synthesis Photocatalyst TiO ₂ Nanoparticles Using Starfruit Leaf Extract (Averrhoa Blimbi L.) to Degradate Methylene Blue Dyes
2	25261	Alivia Anggraini	Universitas Negeri Surabaya	Green Synthesis of ZnO/TiO ₂ Nanoparticle Composite with Papaya Leaf Extract (Carica Papaya L) and Antibacterial Activity Test on Eschericia coli Bacteria
3	25259	Balqis Saniatul Mukarromah	Universitas Negeri Surabaya	SYNTHESIS OF CELLULOSE FROM SUGAR CANE BAGASSE WASTE (Saccharum Officinarum L.) USING ACID HYDROLYSIS AND ULTRASONICATION METHODS
4	25260	Febian Amara Zalsabila	Universitas Negeri Surabaya	Green Synthesis, Characterization, Photocatalytic Activity of ZnO/TiO ₂ Nanocomposite from Carica papaya Leaves
5	25211	Prof. Dr. Buhani, M.Si.	Universitas Lampung	Kinetic Studies on the Adsorption of Heavy Metals (Cd, Cu, and Pb) using Silica@Fe ₃ O ₄ -Modified Alga Biomass
6	25203	Rachmawati, S.Si.	Universitas Negeri Surabaya	Utilization of Biomass Extraction Waste for Filter Cartridge Production to Improve Water Quality Based on Total Alkalinity and Total Hardness Parameters
7	25256	Viona Witya Paramitha	Universitas Negeri Surabaya	Synthesis and Photocatalytic Performance of TiO ₂ -Cellulose Nanocomposites Derived from Rice Husk for Methylene Blue Degradation



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Room : 11

Moderator : Arikasuci Fitonna Ridassepri, Ph.D

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
Invited Speaker		Dr. Hazlisa Bahruji	Universiti Brunei Darussalam, Brunei Darussalam	CO2 as feedstock for sustainable energy: Tackling high carbon emissions
1	25226	Dr. Arif Priyangga, S.Si., M.Si.	Departemen Kimia, Fakultas Sains dan Analitika Data, Institut Teknologi Sepuluh Nopember	Preparation of Fe-N-C Catalyst Derived from Oil Palm Frond for Oxygen Reduction Reaction
2	25221	Endah Pratiwi, M.Si.	Universitas Lampung	Catalytic Upgrading of Biocrude Oil Produced from Palm Oil Using Acid-Activated Clinoptilolite as Catalyst
3	25230	Shota Sato	The University of Electro-Communications	Oxygen reduction reaction on Nitrogen-doped graphene : Dependence of graphene-based substrates
4	25241	Ms. Nurul Hazimah Binti Haji Hassan	Universiti Brunei Darussalam	Morphology-dependent Zr Doped CeO ₂ with Minimal Ni Loading for Low Temperature CO ₂ Methanation
5	25253	Tesalonika Dwi Nugraha	Institut Teknologi Kalimantan	Fabrication of Chitosan-Based Composite Membranes Modified with Sodium Tripolyphosphate for Enhanced Direct Methanol Fuel Cell Performance
6	25225	Ranferi Cancino Betancourt	The University of Electro-Communications	Quantum Confinement Effects in Hydrogenated Diamond Ultrathin Films



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Room : 12

Moderator : Nurina Rizka Ramadhania, S.Si., M.Si.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
Invited Speaker		Dr. Ika Oktavianawati, S.Si., M.Sc.	University of Jember, Indonesia, OWSD Indonesia	Chemotaxonomy of Four Inferior Agarwoods from Borneo Island
1	25251	Abdullahi Musa	Universitas Airlangga	Isolation, Characterization, and Pharmacokinetic Evaluation of Parviflorol, a Resveratrol Dimer from Shorea beccariana
2	25249	Dr. Healthy Kainama, SPd., MSi	Pendidikan Kimia Universitas Pattimura	Chemical Composition of Essential Oils in Cymbopogon nardus from Tiga Island and Free Radical Scavenging Activity
3	25214	Nirmala Puteri Batari, S.Pd.	Institut Teknologi Sepuluh Nopember	Synthesis and Physicochemical Characterization of Castor Oil Methyl Esters
4	25247	Thae Thae Su Pyae Naing	Department of Chemistry, Faculty of Science and Technology, Universitas Airlangga	Isolation and Characterization of Non-Polar Compounds from The Stem of Aquilaria malaccensis
5	25246	Theint Su Wai	Universitas Airlangga	Isolation and Spectroscopic Characterization of Laevifonol from the Methanol Extract of Shorea macrophylla Stem Bark
6	25238	Yulia Dwi Putri, S.Si., M.Si.P	IPB University	First Report on Metabolite Profiling and Bioactivity of Wendlandia paniculata Leaves for Sustainable Chemistry Innovation



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Room : 13

Moderator : apt. Fani Deapsari , S.Farm., M.Farm.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
Invited Speaker		Moh Mualliful Ilmi	Research Centre for Archaeometry, National Research and Innovation Agency of Indonesia (BRIN)	
1	25227	Dina Wahyu Indriani	Institute Teknologi Sepuluh November	Sustainable Fabrication of a Phosphate Adsorbent Using Soybean Hull Residues and Dolomite Modified with Lanthanum (La) and Iron (Fe)
2	25207	Mr. Abu Hurairah Darwisy Bin Alias	Universiti Sains Malaysia (USM)	Microwave-Assisted Deep Eutectic Solvent Extraction of Polysaccharides from Star Anise: Characterization and In Vitro Antioxidant, Anti-obesity, Antihypertensive, and Antidiabetic Activities
3	25232	Dian Purnami Handayani, S.T., M.T.	Institut Teknologi Sepuluh Nopember	Basil Solid Waste from Extraction as a Green Corrosion Inhibitor in Acidic Media
4	25252	Nor Asifa	Institut Teknologi Kalimantan	Characterization of Chitosan–Silica Composite Membranes with Tripolyphosphate Crosslinking for Direct Methanol Fuel Cell Applications
5	25254	Rosi Pricilia Aghata	Institut Teknologi Kalimantan	Chitosan–PEG/TPP Membranes Derived from Shrimp Shell Waste for Direct Methanol Fuel Cells Application
6	25250	Siti Nur Komariyah	Universitas Negeri Surabaya	Synthesis of Rice Husk Ash Silica Modified with Lysine Using 3-Chloropropyltrimethoxysilane as a Coupling Agent
7	25202	Alvina Tata Melenia	Institut Teknologi Sepuluh Nopember, Indonesia	Utilizing Nanocrystalline Cellulose from Calophyllum inophyllum Waste for Carbon-doped ZnO Nanostructure Fabrication by Response Surface Methodology



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Room : 14

Moderator : Mirwa Adiprahara Anggarani, S.Si., M.Si.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
1	25229	Ir. Edy Ismail, S.Pd., M.Pd., IPP	Jakarta State Polytechnic	Optimizing Motorcycle Performance and Reducing Air Pollution: A Study on Voltage Stabilizer Implementation
2	25218	Sugiyarto	Politeknik Negeri Jakarta	Effectiveness of Truck Air Filter Cleaning Using Air Filter Cleaner with Rotary Sprinkler Variations
3	25220	Sugiyarto	Politeknik Negeri Jakarta	Innovation in Truck Air Filter Cleaning: Effectiveness and Development of an Electric Motor-Based System
4	25236	Anggi Rahmawati, S.Si.	Universitas Gadjah Mada	Feasibility Analysis Of The Bribin Pump-As-Turbine In Semanu District, Gunungkidul Regency
5	25224	Dr. Ir. Mochamad Asrofi, S.T., IPM., ASEAN Eng.	Universitas Jember	Increasing the Mechanical Properties of Polylactic Acid (PLA) Biocomposite Reinforced with Banana Pseudostem Nanocellulose (BPN) using the Vacuum Degassing Method
6	25212	Baso Ilham, S.Si., M.Si	Chulalongkorn University	Molecular Dynamics Investigation of MgtE Transporter



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Room : 15

Moderator : apt. Aulia Charis Aqsha, S.Farm., M.Farm.

NO	Abstract ID	Full Name Presenter	Intitution	Abstract Title
1	25207	Mr. Abu Hurairah Darwisy Bin Alias	Universiti Sains Malaysia (Usm)	Microwave-Assisted Deep Eutectic Solvent Extraction of Polysaccharides from Star Anise: Characterization and In Vitro Antioxidant, Anti-obesity, Antihypertensive, and Antidiabetic Activities
2	25223	Muhammad Hassan	The University of Electro-Communications (UEC) Tokyo, Japan.	Electron Transport Properties of Hydrogenated-SiC Nanoribbons: Effect of Spin Configurations.
3	25205	Zhuldyz	Al-Kazakh National university	Antioxidant and Cytotoxic Effects of Curcuma Longa Extracts: A Comprehensive Chemical Composition Study
4	25210	Pavithran A/L Krishnan	University Of Malaya	Development of Encapsulated Deep Eutectic Solvent for Effervescent-Assisted Microextraction of N-Nitrosamines in Pharmaceuticals
5	25239	Citra Wahyu Rizkita, S.T., M.T	Institut Teknologi Sepuluh Nopember	Eco-Friendly Extraction of Giant Ginger Essential Oils: Solvent-Free Microwave Process, Kinetic Mechanisms, and Quality Evaluation
6	25237	Ir. Darnengsih, ST., MT., IPM	Institut Teknologi Sepuluh Nopember Surabaya	Optimization of n-Hexane Extraction of Syzygium polyanthum Leaves Using Microwave-Assisted Extraction with RSM Box–Behnken