

No	Presenter	Title	Track	KODE	Room	Session
1	Esti Hardi	Activity Antagonistic of Extracellular product and Component Bacteri of Pseudomonas sp. species against Aeromonas hydrophila from Nila Tilapia aquaculture in East Borneo	Agricultural Technology (AT)	AT01	ORCHID	1
2	Anton Yudhana	Captured Paddies Farming Image Based on Quad copter	Agricultural Technology (AT)	AT02	ORCHID	1
3	Rizky Brisha Nuary	Characterization of Chemical and Physical Quality Parameter of Coconut Sap (Neera) as A Raw Material for Coconut Sugar based on Its Geographical Origin	Agricultural Technology (AT)	AT03	ORCHID	1
4	Kumala Dewi	EFFECT OF SODIUM AZIDE (NaN ₃) AND CYTOKININ ON VEGETATIVE GROWTH AND YIELD OF BLACK RICE PLANT (Oryza sativa L. cultivar 'Cempo Ireng')	Agricultural Technology (AT)	AT04	ORCHID	2
5	Endang Purbajanti	Chlorophyll, crop growth rate and forage yield of brachiaria (Brachiaria brizantha Stapf) as the result of goat manure in various nitrogen dosage	Agricultural Technology (AT)	AT05	ORCHID	2
6	Mohammad Fajar Falah	Quality Evaluation of Fresh Strawberry (Fragaria sp. cv.Earlybrite) During Storage in A Tropical Environment	Agricultural Technology (AT)	AT06	ORCHID	2
7	Denny Irawati	Basic properties of Acacia mangium and Acacia auriculiformis as a heating fuel	Agricultural Technology (AT)	AT07	ORCHID	2
8	Ika Pratiwi	Stability Evaluation of Microencapsulated Cinnamon (Cinnamomum burmanii) Essential Oil Against Storage Temperature	Agricultural Technology (AT)	AT08	ORCHID	2
9	Widiastuti Setyaningsih	Profile of Individual Phenolic Compounds in Rice (Oryza sativa) Grains during Cooking Processes	Agricultural Technology (AT)	AT09	ORCHID	2
10	Hildha Dewi	Analysis of Consumer Behaviour Regarding Decision to Purchase Agro-industrial Products With Geographical Indication in Yogyakarta Special Region	Agricultural Technology (AT)	AT10	ORCHID	4

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11	Nurjanah Nurjanah	Identification, Distribution and Genetic Diversity of the Golden Potato Cyst Nematode (<i>Globodera rostochiensis</i>) in Java Indonesia	Agricultural Technology (AT)	AT11	ORCHID	4
12	Futsia Anggun Alwi	Safety Work Analysis on Warehouse by Job Safety Analysis and Kansei Engineering on PT. Sarihusada Generasi Mahardika Yogyakarta	Agricultural Technology (AT)	AT12	ORCHID	4
13	Lu'lu'atul Fatehah	Life Cycle Assessment of Fresh Fish Product in Various Scale of Capture Fisheries Facilities	Agricultural Technology (AT)	AT13	ORCHID	4
14	Maria Asmuni	The Potential of Palm Kernel Shell Activated Carbon as an Adsorbent for β -Carotene Recovery from Crude Palm Oil	Agricultural Technology (AT)	AT14	ORCHID	4
15	Muchamad Muchfirodin	Model Development for Determining the Amount of Caught Fish and The Selling Price in Coastal Area of Java Island	Agricultural Technology (AT)	AT15	ORCHID	4
16	Tian Marifat	Consumer Behavior Analysis On Purchasing Halal-Certified Chicken Processed Foods In Yogyakarta Modern Retailer	Agricultural Technology (AT)	AT16	ORCHID	4
17	Mutia Laraswati	Analysis of Logistics Cost Structure of Fish Cold Supply Chain in Java Island	Agricultural Technology (AT)	AT17	ORCHID	5
18	Septi Hayati	Effects of Different Drying Techniques on the Water-Soluble Polysaccharides Content and Antioxidant Activity of <i>Ganoderma lucidum</i> Karst	Agricultural Technology (AT)	AT18	ORCHID	5
19	Freda Saputro	Analysis of Risk in the Value Stream of Supply Chain Management of Marine Fresh Fish Product, Case of Coastal Zone, Java Island, Indonesia	Agricultural Technology (AT)	AT19	ORCHID	5
20	Vita Rosyida	The Effect Of Culture Media Of White Oyster Mushroom (<i>Pleurotus</i> spp.) For The Biological Delegnification Process Of Sugar Cane Bagasse	Agricultural Technology (AT)	AT20	ORCHID	5
21	Meita Pratiwi	Optimization of Facility Fish Auction Facilities using Data Envelopment Analysis (DEA)	Agricultural Technology (AT)	AT21	ORCHID	5
22	Nur Rahmawati	Innovation And Entrepreneurial Creativity Of Organic Rice Farmers In Bantul Regency	Agricultural Technology (AT)	AT22	ORCHID	5
23	Ganjar Widhanarto	ASSESING CARBON POOL OF FOREST PLANTATION TO SUPPPORT REDD+ IMPLEMENTATION IN INDONESIA (Case Study in <i>Acacia mangium</i> Willd Plantation Forest PT.	Agricultural Technology (AT)	AT23	ORCHID	5

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		Finnantara Intiga, West Kalimantan, Indonesia)				
24	Roy Setyobudi	Preliminary Study of Biogas Upgrading and Purification by Pressure Swing Adsorption	Agricultural Technology (AT)	AT24	ORCHID	5
25	I Made Dendi Maysanjaya	Segmentation of Plasmodium vivax Phase on Thin Blood Film using Color Channel Combination and Otsu Method	Biomedical Engineering (BE)	BE01	CARNATION	2
26	Ahmad Ridwan	Chitosan-Gelatin Membrane Construct with Different Cinnamaldehyde Concentration as Drug Delivery System in Oral Cavity	Biomedical Engineering (BE)	BE02	CARNATION	2
27	Putri Sari	Enhancing and Characterization Chitosan-Gelatin Membrane Incorporated with Cinnamaldehyde For Potential Wound Healing Application in Oral Cavity	Biomedical Engineering (BE)	BE03	CARNATION	2
28	Enade Istyastono	Scarless Wound Healing Gel with Binahong (Anredera cordifolia (Ten) Steenis) Leaves Extract and Celecoxib as The Active Ingredients	Biomedical Engineering (BE)	BE04	CARNATION	4
29	Achmad Rizal	Multiscale Hjorth Descriptor for Lung Sound Classification	Biomedical Engineering (BE)	BE05	CARNATION	4
30	Rini Dwiastuti	Formulation and Physical Properties Observations of Soy Lecithin Liposome Containing 4-n-Butylresorcinol	Biomedical Engineering (BE)	BE06	CARNATION	4
31	Dina Arifatul Khusna	Analysis of Shape Features for Lesion Classification in Breast Ultrasound Images	Biomedical Engineering (BE)	BE07	CARNATION	4
32	Erlina Mahanani	Degradation Profile and Fibroblast Proliferation on Synthetic Coral Scaffold for Bone Regeneration	Biomedical Engineering (BE)	BE08	CARNATION	5
33	Erna Kristin	Hemoglobin Level After Ingestion Of Repeated Dose Of Iron Shortly After And 2 Hours After Meal For 12 Weeks In Trimester Second & Third Pregnant Women With Iron Deficiency Anemia	Biomedical Engineering (BE)	BE09	CARNATION	5
34	Heri Kusuma	Chemical Composition of Essential Oil of Sandalwood Growing in Indonesia Extracted by Microwave-Assisted Hydrodistillation	Chemical Engineering (CE)	CE01	HELICONIA	2

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35	Rahim Husain	Kinetic of Oxidation in Snapper (<i>Lutjanus</i> sp) Fillet During Storage	Chemical Engineering (CE)	CE02	HELICO NIA	2
36	Muhamma d Harun Al Rasyid	Study on Biomass Performance in Reduction of Nickel Laterite from Pomalaa, Sulawesi Tenggara	Chemical Engineering (CE)	CE03	HELICO NIA	2
37	Nur Hidayanti	Response surface methodology (RSM) modeling of microwave assisted transesterification of coconut oil with γ -Al ₂ O ₃ catalyst using Box Behnken design method	Chemical Engineering (CE)	CE04	HELICO NIA	4
38	Ike Febriana	The Effect of Temperature on Extraction of <i>Swietenia mahagoni</i> using Ultrasound - assisted Extraction (UAE) Method	Chemical Engineering (CE)	CE05	HELICO NIA	4
39	Heny Dewajani	The effect of modification ZSM-5 catalyst in upgrading the quality of organic liquid product derived from catalytic cracking of Indonesian nyamplung oil (<i>Calophyllum inophyllum</i>)	Chemical Engineering (CE)	CE06	HELICO NIA	4
40	Diana Diana	Kinetics of Acetoxylation of Indonesian Crude Turpentine over Amberlyst 36 Wet: Pseudo-Homogeneous Approach	Chemical Engineering (CE)	CE07	HELICO NIA	5
41	Aitia Widiyannita	Study of Pyrolysis of Ulin Wood Residues	Chemical Engineering (CE)	CE08	HELICO NIA	5
42	Roy Setyobudi	Removal of CO ₂ from Biogas Plant using Chemical Absorption Column	Chemical Engineering (CE)	CE09	HELICO NIA	5
43	Dindin Mursyidin	Genetic Diversity of Local Durian (<i>Durio zibethinus</i> Murr.) Cultivars of South Kalimantan's Province Based on RAPD Markers	Biodiversity and Environmental Science (BES)	BES01	CARNATION	1
44	Vina Aristya	Factor Wise Contribution on Sesame Seed Yield	Biodiversity and Environmental Science (BES)	BES02	CARNATION	1
45	Roza Primatika	Survey of Brucellosis in Goats Using Rose Bengal Test (RBT) and Complement Fixation Test (CFT) Methods in The Gunungkidul District, Special Region of Yogyakarta, Indonesia	Biodiversity and Environmental Science (BES)	BES03	CARNATION	1
46	Syampadzi Nurroh	ENVIRONMENTAL MANAGEMENT OF RECHARGE AREA Case Study: Existing impact	Biodiversity and	BES04	CARNATION	2

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		of Artificial Recharge in Ciesek Sub-Watershed, Ciliwung Watershed, Bogor District, West Java Province	Environmental Science (BES)			
47	Theresa Agustina Ana Nico	STUDY OF ENVIRONMENTAL DAMAGES AFFECT BY INDUSTRIAL BATIK POLLUTION Case: in Jenes River, Surakarta City, Central Java Province	Biodiversity and Environmental Science (BES)	BES05	CARNAT ION	2
48	Tjut Djohan	The Abundance Of Benthic Insects Aquatic Headwaters Of Sampolawa River, Southeast Sulawesi	Biodiversity and Environmental Science (BES)	BES06	CARNAT ION	2
49	Arriqo' Romadlon	Utilization of Aren (Arenga pinnata) Bark Waste at Daleman Village, Tulung, Klaten for Environmentally Friendly Biomass Briquettes	Biodiversity and Environmental Science (BES)	BES07	CARNAT ION	4
50	Dini Sabila	The Perception of Farmer Community Grogol VII Village on Sand Dunes as an Ecotourism Object in Parangtritis Village, Bantul, Yogyakarta	Biodiversity and Environmental Science (BES)	BES08	CARNAT ION	4
51	Surya Cipta Kete	Identification Characteristics Of Karst Landscape Of Muna Regency	Biodiversity and Environmental Science (BES)	BES09	CARNAT ION	4
52	Saw Aung Zaw Aye	Geochemical fractionation and risk assessment of Copper in Urban Soil, Yogyakarta City, Indonesia	Biodiversity and Environmental Science (BES)	BES10	CARNAT ION	4
53	Irawan Kusuma	Anticandidal Activity of Several Plants Used by Bentian Tribe in East Kalimantan, Indonesia	Biodiversity and Environmental Science (BES)	BES11	CARNAT ION	5
54	Muhamma d Kamal	Estimation of Mangrove Leaf Area Index from ALOS AVNIR-2 data (A Comparison of Tropical and Sub-Tropical Mangroves)	Biodiversity and Environmental Science (BES)	BES12	CARNAT ION	5
55	Reagan Septory	THE UTILIZATION OF AQUACULTURES WASTEWATER AS NUTRIENT SOURCES IN Nannochloropsis oculata CULTIVATION TO PREVENT WATERS CONTAMINATION IN COASTAL AREA	Biodiversity and Environmental Science (BES)	BES13	CARNAT ION	5
56	Yuliansyah Taming	Physico-chemical properties and energy potency of woody waste biomass from the	Biodiversity and	BES14	CARNAT ION	5

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		logging activities to generate electricity in East Kalimantan, Indonesia	Environmental Science (BES)			
57	Surya Cipta Kete	Analysis of the Undergrounded River in Natural Tourism Pindul Cave, Gunungkidul Regency, Yogyakarta	Biodiversity and Environmental Science (BES)	BES15	CARNATION	5
58	Muhammad Asrullah	The Effect of Mung Bean Sprouts (<i>Phaseolus radiatus</i> (L.)) to Lipid Profile of Male Sprague Dawley Rats Given High Fat Diet	Biological Sciences (BI)	BI01	MAGNOLIA	1
59	Ibnu Sina	ATAVISM OBSERVED FROM 'HIKADI' MELON (<i>Cucumis melo</i> L. cv. Hikadi) BY SELF-CROSS OF F1 HK.10 AT KEMADANG GUNUNGKIDUL	Biological Sciences (BI)	BI02	MAGNOLIA	1
60	Gina Saptiani	<i>Alpinia galanga</i> Extracts for Improving Egg Hatchability and Larval Viability of Catfish	Biological Sciences (BI)	BI03	MAGNOLIA	1
61	Hendry Saragih	The Effect of Early Posthatch Local Feed in Pectoralis Muscle of Jawa Super Chicks (<i>Gallus gallus domesticus</i>)	Biological Sciences (BI)	BI04	MAGNOLIA	2
62	Hadi Hendra	ANTIOXIDANT AND ANTIBACTERIAL ACTIVITIES OF AGARWOOD (<i>Aquilaria malaccensis</i> Lamk.) LEAVES	Biological Sciences (BI)	BI05	MAGNOLIA	2
63	Sarmin Sarmin	Influence Of Feed Intake On Blood Chemistry Parameters In Kacang Goats	Biological Sciences (BI)	BI06	MAGNOLIA	4
64	Antonio Dacosta	Land Evaluation for Seasonal Crops Development in Raumoco Lautem Timor Leste	Biological Sciences (BI)	BI07	MAGNOLIA	5
65	Rini Yanti	Hydrolysis of Nyamplung (<i>Calophyllum inophyllum</i>) Protein and Their Antioxidant Activity	Biological Sciences (BI)	BI08	MAGNOLIA	4
66	Indah Nur'aini	Potency of Ginger Flower (<i>Etlingera elatior</i>) Extract to Decrease Uric Acid Levels in Hyperuricemia Rat (<i>Rattus norvegicus</i>)	Biological Sciences (BI)	BI09	MAGNOLIA	4
67	Regina Melianawati	Effect of Different Kinds of Live Feed on Thyroid Structure of Marine Fish Larvae Coral Trout <i>Plectropomus leopardus</i> (Lacepède, 1802)	Biological Sciences (BI)	BI10	MAGNOLIA	4
68	Immanuel Sanka	In Silico Study: Variation of SIT1 Gene on Diatom (<i>Bacillariophyceae</i>)	Biological Sciences (BI)	BI11	MAGNOLIA	2
69	Imam Bagus Nugroho	Primer Design and In Silico Analysis by Using CLUSTALW and MUSCLE for L-arabinose Isomerase (<i>araA</i>) Gene Detection in Thermophilic Bacteria	Biological Sciences (BI)	BI12	MAGNOLIA	2

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70	Rofiq Sunaryanto	Isolation And Screening of Actinomycetes Active Against Plant Pathogenic Fungi	Biological Sciences (BI)	BI13	MAGNOLIA	5
71	Enos Arung	In Vivo Validation of Sonneratia caseolaris Leaf Extract for Cosmetic Utilization	Biological Sciences (BI)	BI14	MAGNOLIA	5
72	Jesayas A Lodingken e	Resistance to Imidacloprid and Three Synergism Effect of Resistance on Brown Planthopper	Biological Sciences (BI)	BI15	MAGNOLIA	5
73	Arifah Purnamangrum	Genetic variation assessment of outbreed and inbreed Giant Tiger Prawn (Penaeus monodon Fabricius, 1798) revealed by ISSR	Biological Sciences (BI)	BI16	MAGNOLIA	5
74	Sarmin Sarmin	Effect of Level Nutrition on Semen Quality in Kacang Goats	Biological Sciences (BI)	BI17	MAGNOLIA	5
75	Rega Virgiyana Agustin	Physiological responses of Rice (Oryza sativa L.) 'Segreng' and 'Mentik Wangi' to Decomposers Vegetative and Generative	Biological Sciences (BI)	BI18	MAGNOLIA	5
76	Bambang Sugiantoro	The Development of Mobile Agent Model for Intrusion Detection	Computer and Information System (CIS)	CIS01	DAHLIA	2
77	Raka Yusuf	Benefits identification of cloud computing project using cost benefit analysis and ranti's generic is/it business value	Computer and Information System (CIS)	CIS02	DAHLIA	2
78	Akbari Basuki	Design and analysis of Hybrid Vessel Monitoring System based on Internet and DTN collaboration	Computer and Information System (CIS)	CIS03	DAHLIA	2
79	Intansari Nurjannah	Validity and Reliability of End-User Computing Satisfaction in Indonesian Language to Measure Digital Nursing Assessment Tool	Computer and Information System (CIS)	CIS04	DAHLIA	2
80	Theodorus Yoga Mahendraputra	Comparison in Document Similarity Calculation Using Hashing Algorithm and Semantic Analysis on Indonesian Documents	Computer and Information System (CIS)	CIS05	DAHLIA	2
81	Anik Vitianingsih	Geographical Information System For Mapping on Accident Prone Roads and Development Alternatives of New Roads by Using Methods of Multi Attribute Utility Theory	Computer and Information System (CIS)	CIS06	DAHLIA	2
82	Teguh Adji	Modified New Relevance Factor Feature Weighting for Email Spam Detection	Computer and Information System (CIS)	CIS07	DAHLIA	4

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83	Agus Arif	Classification of Leukocyte Images using Neural Networks (Multilayer Perceptron)	Computer and Information System (CIS)	CIS08	DAHLIA	4
84	Kurnia Hardjanto	Standard Operating Procedure (SOP) For Electronic Contracts On Government Goods and Services Procurement in Magelang	Computer and Information System (CIS)	CIS09	DAHLIA	4
85	Wijayanti Khotimah	Comparison between Back Propagation Neural Network and Genetic Algorithm Back Propagation Neural Network for Sign Language Recognition	Computer and Information System (CIS)	CIS10	DAHLIA	5
86	Uky Yudatama	Priority Determination For Higher Education Strategic Planning Using Balanced Scorecard, FAHP and FTOPSIS (Case Study XYZ University)	Computer and Information System (CIS)	CIS11	DAHLIA	5
87	Oki Wicaksono	Peer-to-Peer Mobile Learning to Improve Learning Effectiveness	Computer and Information System (CIS)	CIS12	DAHLIA	5
88	I Putu Gede Sudiatmika	Segmentation of Crack Area On Road Image Using Lacunarity Method	Computer and Information System (CIS)	CIS13	LOTUS	2
89	Jullend Gatc	Cattle Muzzle Image Segmentation using Statistical Region Merging Technique and Gray Level Co-occurrence Matrix	Computer and Information System (CIS)	CIS14	LOTUS	2
90	Wahyu Hardyanto	Research on Sistem Informasi Akademik Terpadu (SIKADU) Unnes using Technology Acceptance Model (TAM)	Computer and Information System (CIS)	CIS15	LOTUS	2
91	Vera Suryani	A Performance Comparison of OpenMTC Platform	Computer and Information System (CIS)	CIS16	LOTUS	2
92	Aida Shafiabady	Investigation of Software Maintainability Prediction Models	Computer and Information System (CIS)	CIS17	LOTUS	2
93	Wahyuni Eka Sari	A Comparison of Fuzzy Mamdani-Sugeno-Tsukamoto for Diagnosis of Childhood Tuberculosis	Computer and Information System (CIS)	CIS18	LOTUS	3
94	Aditya Cahyo	Performance Comparison of Intrusion Detection System based Anomaly Detection using Artificial Neural Network and Support Vector Machine	Computer and Information System (CIS)	CIS19	LOTUS	3
95	Ahmad Hastawan	Effective Method For Circle Detection Based On Transformation Of Chain Code Direction	Computer and Information System (CIS)	CIS20	LOTUS	3

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96	Khafidurro hman Agustianto	Design Adaptive Learning System Using Metacognitive Strategy Path for Learning in Classroom and Intelligent Tutoring Systems	Computer and Information System (CIS)	CIS21	LOTUS	4
97	Miftahurra hma Rosyda	Cascade Neural Network for Predicting Epitope on P24 HIV-1	Computer and Information System (CIS)	CIS22	LOTUS	4
98	Yohanes Suyanto	The Numbered Musical Notation Editor in Plain Text	Computer and Information System (CIS)	CIS23	LOTUS	4
99	Maghfirah Maghfirah	Comparative Analysis of Naive Bayes Classifier (NBC) and Correlated NBC for Bank Direct Marketing	Computer and Information System (CIS)	CIS24	LOTUS	4
100	Alfadoni Prisantama	Tunneling 6LoWPAN Protocol Stack in IPv6 Network	Computer and Information System (CIS)	CIS25	LOTUS	4
101	Widyastuti Andriyani	Medical Governance For Group Decision Support On Stroke	Computer and Information System (CIS)	CIS26	LOTUS	5
102	Agus Sihabuddin	Exchange Rates Forecasting Using Nonlinear Autoregressive	Computer and Information System (CIS)	CIS27	LOTUS	5
103	Hamdani Hamdani	The Complexity Calculation For Group Decision Making Using TOPSIS Algorithm	Computer and Information System (CIS)	CIS28	LOTUS	5
104	Anita Kasim	Feature Extraction Methods For Batik Pattern Recognition:A Review	Computer and Information System (CIS)	CIS29	LOTUS	5
105	Sri Andayani	Combining rating scale and FANP to determine the important weight of learning competency for students' assessment	Computer and Information System (CIS)	CIS30	LOTUS	5
106	Febri Maspiyanti	Red Blood Cell and White Blood Cell Classification using Double Thresholding and BLOB Analysis	Computer and Information System (CIS)	CIS31	LOTUS	5
107	Immanuel Drexel	Cool Math Worksheet: A Mathematics Game Based Learning on Android	Computer and Information System (CIS)	CIS32	LOTUS	5
108	Fikri Maulana	E-RPJMD: Local Government Planning Information System With Evaluation Function Using Regression	Computer and Information System (CIS)	CIS33	LOTUS	5

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109	Heri Sutanta	Issues and Challenges in Developing Geocoded Address in Indonesia	Computer and Information System (CIS)	CIS34	LOTUS	5
110	Abadi Saputra	ANALYSIS OF PILOT PERFORMANCE AND MENTAL WORKLOAD TOWARDS AIRCRAFT ACCIDENT; a Case study of Indonesian Civil Aviation	Civil Engineering (CV)	CV01	FRAGIP ANI	2
111	Abadi Saputra	The Effects of Phases of Time on Pilot Mental Workload In Terms of the Differences Pilot Age	Civil Engineering (CV)	CV02	FRAGIP ANI	2
112	Pada Lumba	Strategies to Reduce the Level of Traffic Jams in Pekanbaru	Civil Engineering (CV)	CV03	FRAGIP ANI	2
113	Aminaton Marto	Effect of Fines Content on Critical State Parameters of Sand Matrix Soils	Civil Engineering (CV)	CV04	FRAGIP ANI	4
114	Willis Diana	Small-scale Experimental Investigation on the Behaviour of Nailed Slab System in Expansive Soil	Civil Engineering (CV)	CV05	FRAGIP ANI	4
115	Sri Saraswati	Freezing Concentration in AODs Toxicity Test	Civil Engineering (CV)	CV06	FRAGIP ANI	5
116	Don Gaspar N. da Costa	The Development Of Traffic Accident Risk Management Method	Civil Engineering (CV)	CV07	FRAGIP ANI	5
117	S Panalaran	Mathematical Modelling of Wave Forces on Cylinders Group using DualSPHysics	Civil Engineering (CV)	CV08	FRAGIP ANI	5
118	Awang Wardana	Improved Dyadic Wavelet Transform with Fuzzy Logic for Diagnosing Oscillating Process Variable	Electrical Engineering (EC)	EC01	TULIP	1
119	Sarjiya Sarjiya	Application of Genetic Algorithm for Optimal Sizing and Placement of Distribution Transformers in PT PLN East Medan Indonesia	Electrical Engineering (EC)	EC02	TULIP	1
120	Riza Fauzi Rahman	Power Wheeling Cost Evaluation Under Contingency Condition Using Tracing Method	Electrical Engineering (EC)	EC03	TULIP	1
121	Meilia Lastiti	Design of Solar Tracker Based on Arduino to Optimized Solar Energy Absorption on Solar Panel	Electrical Engineering (EC)	EC04	TULIP	3

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122	Sigit Agung Widayat	Online Battery Parameter And Open Circuit Voltage (OCV) Estimation Using Recursive Least Square	Electrical Engineering (EC)	EC05	TULIP	3
123	Nadiah Liestyasari	Traffic Data Forecasting Analysis Using Radial Basis Function Neural Network Method	Electrical Engineering (EC)	EC06	TULIP	3
124	Iswanto Iswanto	Low Cost Portable Heart Rate Monitoring Based on Photoplethysmography and Decision Tree	Electrical Engineering (EC)	EC07	TULIP	5
125	M. Ramadan	State of health estimation in lithium polymer battery	Electrical Engineering (EC)	EC08	TULIP	4
126	Wahyu Putra	Current Estimation of Lithium Polymer Battery Using Recursive Least Square Algorithm	Electrical Engineering (EC)	EC09	TULIP	4
127	Ungu Primadusi	Back Propagation Neural Network Modeling of LiFePO4 Battery	Electrical Engineering (EC)	EC10	TULIP	4
128	Domy Kristomo	Heart Sound Feature Extraction and Classification using Autoregressive Power Spectral Density (AR-PSD) and Statistics Features	Electrical Engineering (EC)	EC11	TULIP	4
129	Ungu Primadusi	Estimation Capacity LiFePO4 Battery Using Back Propagation Neural Network	Electrical Engineering (EC)	EC12	TULIP	5
130	Lora Khaula Amifia	Fault Detection Design and Simulation Based on Battery Modelling	Electrical Engineering (EC)	EC13	TULIP	5
131	Erika Loniza	Passive Balancing of Battery Lithium Polymer using Shunt Resistor Circuit Method	Electrical Engineering (EC)	EC14	TULIP	5
132	Fahmizal Fahmi	Robot Movement System of Mainland Surveillance using Mecanum Wheel as a Robotic Military	Electrical Engineering (EC)	EC15	TULIP	5
133	Dwiana Hendrawati	Application of Maximum Power Point Tracking Method for Wind Energy Conversion System Using Perturb and Observe Algorithm	Electrical Engineering (EC)	EC16	TULIP	5
134	Samuel Kristiyana	Development of the Radio Stand Finder Based on the Doppler Effect	Electrical Engineering (EC)	EC17	TULIP	5

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135	Rachmawan Budiarto	Reliability Problem of High Entalphy Geothermal Powerplant In Indonesia, The Philippines and New Zealand	Electrical Engineering (EC)	EC18	TULIP	3
136	Iswanto Iswanto	3d Object Modeling by Using the Data Fusion from Laser Sensor on Quadrotor	Electronics and Instrumentation (EI)	EI01	DAHLIA	1
137	Yonatan Hutabarat	Detection and Quantification of Valve Stiction Based on Normality Test and Hammerstein System Identification	Electronics and Instrumentation (EI)	EI02	DAHLIA	1
138	Imam Tazi	Development of Device Electronic Tongue for the Classification of Some Yoghurt Products	Electronics and Instrumentation (EI)	EI03	DAHLIA	1
139	Teguh Praludi	Narrow-Band Microwave Planar Filter Using Multiple-Poled Hairpin Resonators	Electronics and Instrumentation (EI)	EI04	DAHLIA	3
140	Tri Priyambodo	Design of Flight Control System for Flying Wing UAV Based on Pitch and Roll Rotation	Electronics and Instrumentation (EI)	EI05	DAHLIA	3
141	R. Wijaya	FPGA-based I/Q Chirp Generator using First Quadrant DDS Compression for Pulse Compression Radar	Electronics and Instrumentation (EI)	EI06	DAHLIA	3
142	Muhammad Ardi	Arduino Based Sky Quality Meter Position Controlled System	Electronics and Instrumentation (EI)	EI07	DAHLIA	3
143	Fajar Hardoyono	Comparative analysis on feature extraction methods in the clustering of electronic nose response correlated with GC/MS analysis	Electronics and Instrumentation (EI)	EI08	DAHLIA	4
144	Andi Dharmawan	Quadrotor Flight Stability System with Routh Stability and Lyapunov Analysis	Electronics and Instrumentation (EI)	EI09	DAHLIA	4
145	Andi Dharmawan	The Use of Video Processing for Quadrotor Flight Stability Control Monitoring	Electronics and	EI10	DAHLIA	4

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			Instrumentation (EI)			
146	Ridlo Qomarrullah	PDM (Probes Distance Meter), Distance Measuring Instrument by Using Ultrasonic Propagation between Probes	Electronics and Instrumentation (EI)	EI11	DAHLIA	4
147	Agfianto Putra	Real-time Operating System Implementation on OBC/OBDH for UGMSat-1 Sequence	Electronics and Instrumentation (EI)	EI12	DAHLIA	4
148	Sri Hardiati	Design of Waveguide Band Pass Filter with Double-Irises Structure for Airport Surveillance Radar Applications on S Band Frequency	Electronics and Instrumentation (EI)	EI13	DAHLIA	5
149	Tri Priyambodo	Optimizing Control based on Fine Tune PID using Ant Colony Logic for Vertical Moving Control of UAV System	Electronics and Instrumentation (EI)	EI14	DAHLIA	5
150	Syafitri Jumianto	Electronic Nose Application for Monitoring Fermentation Process of Tape	Electronics and Instrumentation (EI)	EI15	DAHLIA	5
151	Dyah Agustika	The Application of Principal Component Analysis and Discrete Wavelet Transform in Electronic Nose for Herbal Drinks Classification	Electronics and Instrumentation (EI)	EI16	DAHLIA	5
152	Rifki Muhendra	Development of Wireless Mesh Water Meter Reading System Based on Nordic NRF24 Transceivers	Electronics and Instrumentation (EI)	EI17	DAHLIA	5
153	Rahmat Siregar	Identification Of Liquefaction Potential Area In Southern Bali Island Based On Ground Penetrating Radar (Gpr), Geoelectricity And Borehole Data	Geophysics and Geology (GG)	GG01	TULIP	2
154	Richard Lewerissa	Anomaly Separation and Deep Estimation of Gravity Potential Field Sources Using 2-D Fourier Transform and Radial Spectrum Analysis	Geophysics and Geology (GG)	GG02	TULIP	2
155	C. Dana	Sand Deposits Transportation and Sedimentation Mechanism based on Granulometry Analysis at Point Bar of Progo River, Pajangan Area, Bantul, Yogyakarta	Geophysics and Geology (GG)	GG03	TULIP	2

No	Presenter	Title	Track	KODE	Room	Session
156	Agus Santoso	Determination of Caldera Based On Gravity Methods (3D) In Gunungkidul Area Yogyakarta Province	Geophysics and Geology (GG)	GG04	TULIP	2
157	Sudarmaji Sudarmaji	Numerical Modeling of 2D Seismic Wave Propagation in Fluid Saturated Porous Media Using Graphics Processing Unit (GPU) ; Study Case of Realistic Simple Structural Hydrocarbon Trap	Geophysics and Geology (GG)	GG05	TULIP	2
158	Sintia Niasari	Geothermal Exploration Using Geochemical Data; Study Case: Parang Wedang Geothermal Field, Indonesia	Geophysics and Geology (GG)	GG06	TULIP	4
159	Achmad Rif'an	THE SITE SELECTION FOR SETTLEMENT DEVELOPMENT AS AN ADAPTATION EFFORT TO TIDAL FLOOD AND SHORELINE CHANGE (A Case of Coastal Area of Sayung District, Demak Regency)	Geophysics and Geology (GG)	GG07	TULIP	4
160	Eddy Hartantyo	A Test of Mobile Weight-Drop for Surface Wave Seismic Data Acquisition	Geophysics and Geology (GG)	GG08	TULIP	4
161	Sintia Niasari	A Short Introduction to Geological Strike and Geo-electrical Strike	Geophysics and Geology (GG)	GG09	TULIP	4
162	Leni Heliani	Evaluation of Global Geopotential Model and its application on Local Geoid Modelling of Java Island, Indonesia	Geophysics and Geology (GG)	GG10	TULIP	5
163	Isna Khasanah	Trends and Annual to Decadal Sea Level Variations of Java Islands Sea Derived from Multi-Satellite Altimetry Data	Geophysics and Geology (GG)	GG11	TULIP	5
164	Muhamma d Zubair	Molecular Docking Approach to Identify Potential Anticancer Compounds from Benalu Batu (Begonia sp)	Chemical Sciences (IC)	IC01	HELICO NIA	1
165	Enade Istyastono	Increasing The Virtual Screening Quality to Identify Adrenergic β_2 Receptor Ligands Using Classification Trees	Chemical Sciences (IC)	IC02	HELICO NIA	1
166	Puji Lestari	PARTIAL PURIFICATION AND BIOCHEMICAL CHARACTERIZATION of EXTRACELLULAR LIPASE from Azospirillum sp. JG3 BACTERIA	Chemical Sciences (IC)	IC03	HELICO NIA	1
167	Mercy Taroreh	Identification of Flavonoid from Leaves of Gedi (Abelmoschus manihot L.) as Antioxidant	Chemical Sciences (IC)	IC04	HELICO NIA	2
168	Rini Yanti	NOVEL SOURCE OF PROTEIN EXTRACT FROM NYAMPLUNG (Calophyllum inophyllum)	Chemical Sciences (IC)	IC05	HELICO NIA	2

No	Presenter	Title	Track	KODE	Room	Session
169	Yohanes Martono	IMPROVEMENT METHOD OF FAST AND ISOCRATIC RP-HPLC ANALYSIS OF MAJOR DITERPENE GLYCOSIDE FROM Stevia rebaudiana LEAVES	Chemical Sciences (IC)	IC06	HELICONIA	2
170	Santi Handayani	Synthesis and antioxidant assay of c-2-methoxyphenylcalix[4]resorcinarene	Chemical Sciences (IC)	IC07	HELICONIA	4
171	Widiastuti Setyaningsih	Stability of 40 Phenolic Compounds during Ultrasound-assisted Extractions (UAE)	Chemical Sciences (IC)	IC08	HELICONIA	4
172	Iqmal Tahir	Predicting A Stable Molecular Imprinting Polymer based on In Silico Optimization of Mole Ratio Between Caffeine-Methacrylic Acids	Chemical Sciences (IC)	IC09	HELICONIA	4
173	Yoeswono Yoeswono	Catalytic Activity of Mn/AC Catalyst on Direct Synthesis of 1,1-Dibutoxybutane from 1-Butanol	Chemical Sciences (IC)	IC10	HELICONIA	4
174	Sudiyarman to MT	Catalytic Conversion of Ethanol to Aromatic Compounds Using Metal/Zelite Catalysts	Chemical Sciences (IC)	IC11	HELICONIA	5
175	Roto Roto	Analysis of Fe(III) at ppb level assisted by silver nanoparticles	Chemical Sciences (IC)	IC12	HELICONIA	5
176	Fadjar Mulya	How to Design a Better Metalloporphyrin Semiconductor: A Theoretical Study of Effect on the Substituent and Metal Complexes	Chemical Sciences (IC)	IC13	HELICONIA	5
177	Suyanta Suyanta	Synthesis of MCM-48 from Rice Husk by Sonochemical Method and Selective Silylation on the External Surface	Chemical Sciences (IC)	IC14	HELICONIA	5
178	Rahmat Gunawan	Investigations on the mechanism of artificial photosynthesis of of Ca-phthalocyanine and dendrimer molecule by using density functional theory methods	Chemical Sciences (IC)	IC15	HELICONIA	5
179	Dwi Harjanto	THE EFFECT OF CELL β LANGERHANS OF PANCREAS DAMAGE TO THE NUMBER OF ASTROCYTE IN THE CA 1 HYPPOCAMPUS OF Rattus norvegicus	Molecular Biology & Biotechnology (MB)	MB01	MAGNOLIA	2
180	Endang Wahyuningtyas	The Influence Of Chicken Scrath Collagen With Local Hydroxyapatite As Bone Substitute Material To Ward The Bone Remodelling Of Rattus Sprague Dawley	Molecular Biology & Biotechnology (MB)	MB02	MAGNOLIA	2
181	Nur Kaliwanto	Effect of Dengue Virus Infection on The Permeability of Vero Cells line	Molecular Biology &	MB03	MAGNOLIA	4

No	Presenter	Title	Track	KODE	Room	Session
			Biotechnology (MB)			
182	Nisa Hanifa	CYTOPROTECTIVE AND ANTIOXIDANT EFFECTS OF ETHANOLIC EXTRACT OF RED DRAGON FRUIT (<i>Hylocereus polyrhizus</i>) AND CARROT (<i>Daucus carota</i> L.)	Molecular Biology & Biotechnology (MB)	MB04	MAGNOLIA	4
183	Endah Retnaningrum	Molecular identification and Optimization Culture Conditions of Amylase Producing Bacteria Isolated from Green Algae in the Coast Side of Southern Sea, Yogyakarta, Indonesia	Molecular Biology & Biotechnology (MB)	MB05	MAGNOLIA	5
184	Waterman Bargawa	Mineral resource estimation using weighted jackknife kriging	Mathematics and Statistics (MS)	MS01	LOTUS	1
185	Sifriyani Ishaq	Estimation And Statistic Test For Spatial Data Based On Geographically Weighted Regression Model	Mathematics and Statistics (MS)	MS02	LOTUS	1
186	Rukun Santoso	The Multiresolution Radial Basis Model for Nonlinear Time Series Prediction	Mathematics and Statistics (MS)	MS03	LOTUS	1
187	Puguh Wahyu Prasetyo	Some Properties of Prime Essential Rings and Its Generalization	Mathematics and Statistics (MS)	MS04	LOTUS	4
188	Dedi Rosadi	Measuring Dependence of Random Variables with Finite and Infinite Variance using the Codifference and the Generalized Codifference Function	Mathematics and Statistics (MS)	MS05	LOTUS	4
189	Sugiyanto Sugi	Mathematical Model of Nasopharyngeal Carcinoma in Cellular Level With Oncolytic Virus	Mathematics and Statistics (MS)	MS06	LOTUS	4
190	Harwin Saptoadi	Rebound effect of LCGC (Low Cost Green Cars): Theoretical approach	Mechanical Engineering (ME)	ME01	FRAGIPANI	1
191	Felixtianus Eko wismowinarto	N 219 Airplane Rudder Structural Strength Analysis Used Creo Parametric 2.0 Simulation	Mechanical Engineering (ME)	ME02	FRAGIPANI	1
192	S. Sutyoko	Effect of gating system on porosity and surface roughness of femoral stem in centrifugal casting	Mechanical Engineering (ME)	ME03	FRAGIPANI	1

No	Presenter	Title	Track	KODE	Room	Session
193	Hari Yuniarto	Root Cause Based Maintenance Methodology	Mechanical Engineering (ME)	ME04	FRAGIP ANI	3
194	Andi Sudiarso	Study on Characteristics of Electrochemical Machining in Producing Multilayered Microfilters	Mechanical Engineering (ME)	ME05	FRAGIP ANI	3
195	Prastowo Murti	Influence of $\omega\tau$ Parameter on the Performance of a Standing-Wave Thermoacoustic Prime Mover	Mechanical Engineering (ME)	ME06	FRAGIP ANI	3
196	Didit Pamuji	Thermodynamic Analysis of the Effect of Reservoir Temperature Change on the Performance of Organic Rankine Cycle System on Geothermal Power Plant	Mechanical Engineering (ME)	ME07	FRAGIP ANI	3
197	Hasan Imaduddin	Air-Water Two Phase Flow and Transition Phenomenon in Capillary Channel: An Experimental Investigation	Mechanical Engineering (ME)	ME08	FRAGIP ANI	4
198	Udi Harmoko	Geothermal Power Plant 2 kW Back Pressure Binary Cycle Utilize Low Enthalpy System For off-The Grid Applications	Mechanical Engineering (ME)	ME09	FRAGIP ANI	4
199	Wahyu Achmadin	Influence of Resonator Length on the Performance of Standing Wave Thermoacoustic Prime Mover	Mechanical Engineering (ME)	ME10	FRAGIP ANI	5
200	Suyitno Suyitno	CT-Scan Data Processing for Modelling of Lumbar Vertebrae of Indonesian	Mechanical Engineering (ME)	ME11	FRAGIP ANI	5
201	Suyitno Suyitno	Hybrid Treatment of Cold Working and Steel Slag Blasting on Commercial Pure Titanium Grade 2	Mechanical Engineering (ME)	ME12	FRAGIP ANI	5
202	Suyitno Suyitno	Torsional and Pullout Test of Bone Fixation Screw of AISI 316L on Balsa Wood Block	Mechanical Engineering (ME)	ME13	FRAGIP ANI	5
203	Singgih Wibowo	Optical and Microstructure of Ag doped ZnO Thin Film on Glass Substrate Synthesized by Sol-Gel Method	Material Science and Engineering (MSE)	MSE01	SUNFLOWER	1
204	Wuri Apriyana	Mechanical and Microstructural Properties of Sugar Palm (Arenga pinnata Merr.) Starch Film: Effect of Aging	Material Science and Engineering (MSE)	MSE02	SUNFLOWER	1

No	Presenter	Title	Track	KODE	Room	Session
205	Sayekti Wahyuning sih	Preparation of Fe ₂ O ₃ /TiO ₂ Composite from Bengkulu Iron Sand Using Sulphuric Acid for Rhodamin B Degradation	Material Science and Engineering (MSE)	MSE03	SUNFLOWER	1
206	Yuni Kusumastuti	Optimization and Characterization of Chitosan/Alginate/Polyvinyl Alcohol Nanofibers using Electrospinning	Material Science and Engineering (MSE)	MSE04	SUNFLOWER	2
207	Joko Triwibowo	Study on Electrochemical Performance of Carbon-coated LiFePO ₄ as Cathode Material for Lithium Ion Batteries	Material Science and Engineering (MSE)	MSE05	SUNFLOWER	2
208	Julia Angel	Crystal Growth of the Layered Organic Antiferromagnet, Deuterated κ -(BEDT-TTF) ₂ Cu[N(CN) ₂]Br	Material Science and Engineering (MSE)	MSE06	SUNFLOWER	2
209	Dedi Mardiansyah	An Aqueous Solution Method for Synthesizing Copper Nanorods	Material Science and Engineering (MSE)	MSE07	SUNFLOWER	2
210	Maryati Doloksaribu	Influence of Temperature to Properties of Activated Carbon Based On Coconut shell	Material Science and Engineering (MSE)	MSE08	SUNFLOWER	2
211	Slamet Priyono	Synthesized Li ₄ Ti ₅ O ₁₂ from Technical Grade Raw Material by Excess LiOH.H ₂ O as Anode Lithium Ion Battery	Material Science and Engineering (MSE)	MSE09	SUNFLOWER	3
212	Chotimah Chotimah	The Electrical Properties of PEDOT:PSS Nanofibers	Material Science and Engineering (MSE)	MSE10	SUNFLOWER	3
213	Anjar Hidayat	Effect of Polymerization Methods on The Preparation of Electrospun Polyaniline Nanofiber	Material Science and Engineering (MSE)	MSE11	SUNFLOWER	3
214	Fernando Agustia	Development and Characterization of Membrane Polymer in Five Basic Taste Based Potentiometric Electronic Tongue	Material Science and Engineering (MSE)	MSE12	SUNFLOWER	4

No	Presenter	Title	Track	KODE	Room	Session
215	Ronny Martien	Spray-drying preparation of microparticles containing thiolated pectin as controlled drug delivery systems	Material Science and Engineering (MSE)	MSE13	SUNFLOWER	4
216	Ronny Martien	Synthesis and characterization of a new pectin-cysteamine polymer	Material Science and Engineering (MSE)	MSE14	SUNFLOWER	4
217	Ari Nugraheni	Study of Thermal Degradation of PVA/Chitosan/Gelatin Electrospun Nanofibers	Material Science and Engineering (MSE)	MSE15	SUNFLOWER	4
218	Nasikhudin Nasikhudin	Preparation of PVA/Chitosan/TiO2 Nanofibers Using Electrospinning Method	Material Science and Engineering (MSE)	MSE16	SUNFLOWER	4
219	Eri Widiyanto	Extraction of Refractive Index of Multilayer Epitaxial Graphene on C-face SiC Measured by Synchrotron using Kramers-Kronig and Newton Raphson Method	Material Science and Engineering (MSE)	MSE17	SUNFLOWER	4
220	Crescentiana Poeloengasih	Development and characterization of sago starch/ carrageenan films for potential hard capsule application	Material Science and Engineering (MSE)	MSE18	SUNFLOWER	4
221	Ahmad Kusumaatmaja	Application of Polyvinyl Alcohol Nanofiber Membrane for Smoke Filter	Material Science and Engineering (MSE)	MSE19	SUNFLOWER	4
222	Vita Efelina	Drude Lorentz Model for Dielectric Constant of Multilayer Epitaxial Graphene on C-face SiC Measured by Synchrotron Radiation	Material Science and Engineering (MSE)	MSE20	SUNFLOWER	5
223	Tyas Wijanarko	Effect of Heat Treatment on Morphology and Crystallinity of Electrospun Poly(vinyl alcohol) Nanofibers	Material Science and Engineering (MSE)	MSE21	SUNFLOWER	5
224	Yonas Riwu	Effect of Chitosan Concentration and Heat Treatment on Electrospun PVA/Chitosan Nanofibers	Material Science and Engineering (MSE)	MSE22	SUNFLOWER	5
225	Kiki Megasari	Extraction of Dielectric Constant of 0.5 ML Epitaxial Graphene on SiC Measured by	Material Science and	MSE23	SUNFLOWER	5

No	Presenter	Title	Track	KODE	Room	Session
		Spectroscopy Ellipsometry using Gauss-Newton Inversion Method	Engineering (MSE)			
226	Nawa Ekariyani	The Use of Fe ₃ O ₄ Magnetic Nanoparticles as The Active Layer to Detect Gama Melon Basket's DNA with Surface Plasmon Resonance (SPR) Based Biosensor	Material Science and Engineering (MSE)	MSE24	SUNFLOWER	5
227	Nadia Natasha	Analysis of Sea Salt Crystal Structure From Crystallization Process	Material Science and Engineering (MSE)	MSE25	SUNFLOWER	5
228	Eko Sulistiyono	The Investigation of Lithium Mineral in Indonesia	Material Science and Engineering (MSE)	MSE26	SUNFLOWER	5
229	Utari M. Si	Concentration dependence of surface roughness in spin coated Fe-porphyrin layer	Material Science and Engineering (MSE)	MSE27	SUNFLOWER	5
230	Alva Tontowi	Composite of [HA/PMMA] for 3D-Printer Material Application	Material Science and Engineering (MSE)	MSE28	SUNFLOWER	5
231	Shidiq Hidayat	Optimized Back-Propagation Combined with Radial Basic Neural Network for Improving Performance of the Electronic Nose: Case Study on the Fermentation Process of Tempeh	Pure and Applied Physics (PAP)	PAP01	FRAGIPANI	2
232	Sony Wardoyo	A Development of Shock Absorber Motion Sensor Based on Analog Slide Position Transducer	Pure and Applied Physics (PAP)	PAP02	FRAGIPANI	2
233	Muhamad Manaf	Analytical Solutions for Capacitance of a Semi-Cylindrical Capacitive Sensor	Pure and Applied Physics (PAP)	PAP03	FRAGIPANI	2
234	Danang Lelono	Classification of Indonesia Black Teas Based on Quality by Using Electronic Nose and Principal Component Analysis	Pure and Applied Physics (PAP)	PAP04	FRAGIPANI	4
235	Emerita Setyowati	Phantom Image Dimension Analysis on Computed Tomography Image	Pure and Applied Physics (PAP)	PAP05	FRAGIPANI	4
236	Dwi Palupi	Calculation Probability Distribution of Return in IDX with Path Integral	Pure and Applied Physics (PAP)	PAP06	FRAGIPANI	4

No	Presenter	Title	Track	KODE	Room	Session
237	Rizky Stiyabudi	Analysis Profile Biomarker Gas of NH3 on the Scavengers in the Dump Site Using CO2 Laser Photoacoustic Spectroscopy Configuration Intracavity	Pure and Applied Physics (PAP)	PAP07	FRAGIP ANI	5
238	Nurfarisha Nurfarisha	On the Isometric Stochastic Flows in an Exotic Spheres Σ^7	Pure and Applied Physics (PAP)	PAP08	FRAGIP ANI	5