

PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 1  
 Time : 13.00 – 14.45  
 Track : Mechanical Engineering & Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	13.00-13.15	The Long-Term Effects of Nano-Silica on Concrete	Jonbi, Partogi H Simatupang, Azaria Andreas and A. Nugraha	University of Nusa Cendana
2	13.15-13.30	The Modelling of Dwelling Time of Buses at Bus Stop	Alfa Narendra, Siti Malkhamah, Bertha Maya Sopha	Universitas Gadjah Mada
3	13.30-13.45	Identification of recharge area in Bengawan Solo Indonesia catchment areas based on geographic information system	Nindy Cahyo Kresnanto, Edy Sriyono	Universitas Janabadra
4	13.45-14.00	The performance of number of blade toward picohydro propeller turbine	Riski Kurniawan, Dwi Aries Himawanto, Purwadi Joko Widodo	Sebelas Maret University
5	14.00-14.15	Analysis design of the gating system on high-pressure die casting process for production effectiveness	Lukas Dwi Purnomo, Dwi Rahmalina and A. Suwandi	Universitas Pancasila
6	14.15-14.30	The Effect of Bioasphalt on Aged Asphalt	Atmy Verani Rouly Sihombing, Bambang Sugeng Subagio, Eri Susanto and Anwar Yamin	Bandung Institute of Technology
7	14.30-14.45	Analysis of Productivity Improvement in Hard Disc Spare Parts Production Machines Based on OEE, FMEA, and FUZZY Value in Batam	Zeny Hunusalela, Surya Perdana and Ridwan Usman	Universitas Indraprasta PGRI

PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 2  
 Time : 13.00 – 14.45  
 Track : Mechanical Engineering & Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	13.00-13.15	Properties of hybrid composites using coral reefs waste and coconut fiber	I Wayan Surata, Tjokorda Gde Tirta Nindhia, W. Edo Yolanda, I G. Ryan Trisna	Udayana University
2	13.15-13.30	Capacity of Priority Intersections with Additional Passing Lane under Mixed Traffic	J. Prasetijo <sup>1</sup> , N. Wu <sup>2</sup> , M. A. Ridho K. Anuar <sup>1</sup> , M. Azri Aron <sup>1</sup> , M. Isran Ramli <sup>3</sup> , M. Isradi <sup>4</sup> , H. Ahmad <sup>6</sup>	Universiti Tun Hussein Onn, Lehrstuhl für Verkehrswesen, Ruhr-Universität Bochum, Universitätsstrasse Bochum, Germany
3	13.30-13.45	Experimental study on the behaviour of glass/epoxy composite plate due to blast loading	Heriana, Bambang K. Hadi, Djarot Widagdo, Muh. Kusni	Institut Teknologi Bandung
4	13.45-14.00	Minerals Compositions in Wood Processing Waste for Geopolymer Base Ingredient	J. M. Supit, A. D. U. Raharjo, J.V. Morin	Papua University
5	14.00-14.15	Retrofitting of Square Reinforced Concrete Column By Welded Wire Mesh Jacketing With Concentric Axial Load	Yosimson Petrus Manaha, Priyo Suprobo, Endah Wahyuni	Sepuluh Nopember Institute of Technology (ITS)
6	14.15-14.30	Continuous Beam and Slab Behavior in Composite Bridge Support Area without Using Expansion Joint	Sandi Hidayat, Riawan Gunadi, Moeljono	Dept. Civil Engineering Politeknik State of Bandung
7	14.30-14.45	Analysis of the turbine blade number towards the micro gas turbines performance	Eko Prasetyo, Rudi Hermawan, Erlanda Pane, Ranti Puspita	Universitas Pancasila

PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 3  
 Time : 13.00 – 14.45  
 Track : Mechanical Engineering & Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	13.00-13.15	Mechanical properties of pervious concrete with slag and silica fume as cement substitution for highway shoulder	Muhamad Hafid Andika, Suherman, Jul Endawati	Politeknik Negeri Bandung
2	13.15-13.30	Analytical Model of Retrofitted Reinforced Concrete Beam Column Joints After Experiencing Severe Damage from Earthquake Load Simulation Using SAP2000	N. Gosal, I. Imran, M. Riyansyah	Bandung Institute of Technology
3	13.30-13.45	Security System Development For Vehicle Using The Method Of "Mail Notification" At Villa Rizki Ilhami Tangerang Residential	Samudera Dipa Legawa , Rachmat Destriana , Angga Aditya Permana	Universitas Budi Luhur <sup>1</sup>
4	13.45-14.00	Influence of reaction layer thickness on surface/submerged flame during porous media combustion of micro burner	Ayub Ahmed Janvekar, M. Z. Abdullah, Zainal Arifin Ahmad, Aizat Abas, A K Ismail, Mohammad Nishat Akhtar, Hafifi Hafiz Ishak, Mazlan Mohamed	University Sains Malaysia
5	14.00-14.15	Safe Zone Analysis Of Light Protection System In Antenna Using Radome	Arif Hidayat, Dedi Irawadi, Alfin Hikmaturokhan, Andrianingsih	Pusat Teknologi dan Data Penginderaan Jauh
6	14.15-14.30	Friction stir welding of aluminium alloy 6061-T651	Richard A. M. Napitupulu, Sutan L.M.H Simanjuntak, Charles Manurung, Chilinton Hutabarat, Jong Ning-Aoh	University of HKBP Nommensen,
7	14.30-14.45	Numerical simulation of styrofoam and rockwool heat transfer flat-plate type solar collector	Parulian Siagian, Richard A.M. Napitupulu, Sibuk Ginting, Miduk Tampubolon, Soeprapto Manurung	University of HKBP Nommensen,

PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 4  
 Time : 13.00 – 15.00  
 Track : Mechanical Engineering & Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	13.00-13.15	Organizational Culture Influence on Implementation of Knowledge Management and Quality Management System for Improving Indonesian Construction Companies' Performances	Chairul Mubin Yusuf Latief	Universitas Indonesia
2	13.15-13.30	The Ergonomics Design of The Military Backpack for Indonesian National Soldiers Using Virtual Environment Model	Erlinda Muslim, Boy Nurtjahyo Moch, Muhammad Rasyad, Pito Ananda Risya	Universitas Indonesia
3	13.30-13.45	Modeling the effects of social media, materialism, and car use habit on student's ridesharing behavior	Rudy Setiawan	Petra Christian University
4	13.45-14.00	Effect of genotype and storage duration on taste and ecovalence of roasted beans of Arabica coffee (Coffea arabica L.)	Sabam Malau, Maria Rumondang Sihotang , Rosnawyta Simanjuntak	Nommensen HKBP University
5	14.00-14.15	Internalization of The CHAMPION Core Values in Work System Design and Ergonomics Learning	Heri Setiawan, Rinamurti	Universitas Charitas
6	14.15-14.30	Analysis of Project Cost Management Indicators at Residential Buildings (Case Study of Building Construction Project in Rusun Penggilingan Jakarta)	Hendra Lumbantoruan, Manlian Ronald A.S	Universitas Pelita Harapan
7	14.30-14.45	Reducing Tyre Scrap Blister Under Tread with PDCA Approach: A Case Study in Manufacturing Industry	Wendi Kurniawan, Fery Andrianto Susilo, Humiras Hardi Purba , Siti Aisyah	Mercu Buana University, Jakarta
8	14.45-15.00	Effect of NaCl and CaCl <sub>2</sub> Solutions on the Liquid Limit, Plastic Limit, and Plasticity Index of Clay	Budijanto Widjaja, Kevin Martandi Setianto	Parahyangan Catholic University

PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 5  
 Time : 13.00 – 14.45  
 Track : Industrial Engineering & Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	13.00-13.15	Determination optimum time of replacement with age replacement model	Nurhayati Sembiring, Mangara M. Tambunan, Febrero Immanuel Siahaan	University of Sumatera Utara
2	13.15-13.30	Supplier selection in rubber industry using analytic network process (ANP) and technique for order preference methods by similarity to ideal solution	Nurhayati Sembiring, Nazaruddin Matondang, Abdul Rozak Dalimunthe	University of Sumatera Utara
3	13.30-13.45	Reducing Non Conformance Quality of Yarn using Pareto Principles and Fishbone Diagram in Textile Industry	Fajar Pitarsi Dharma, Adhy Prastyo Eko Putranto, Humiras Hardi Purba, Winda Ayu	Mercu Buana University, Jakarta
4	13.45-14.00	Determination of Critical Indicators in Efforts to Improve Performance of Indonesian Chocolate SMEs with Lean and Agile Approaches	Siti Aisyah, Humiras Hardi Purba	Polytechnic STMI- Ministry of Industry, Jakarta
5	14.00-14.15	Integrated Manufacturing System Framework for Sustainable Maritime Tourism	Yudha Prasetyawan, Lila Yuwana, Ardita Tiara Nugraha, Felicius Rindy Kurniawan and Intan Oktasari Kusuma Wardani	Industrial Engineering ITS Surabaya
6	14.15-14.30	Manufacturing Strategy Improvement Based on Lean Methodology	Yudha Prasetyawan, Mokhammad Suef, Putu Dana Karningsih and Intan Oktasari Kusuma Wardani	Industrial Engineering ITS Surabaya
7	14.30-14.45	Automation Strategy for Local Commodity Enhancement	Yudha Prasetyawan, Elly Agustiani and Intan Oktasari Kusuma Wardani	Industrial Engineering ITS Surabaya

PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 6  
 Time : 13.00 – 14.45  
 Track : Industrial Engineering & Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	13.00-13.15	Ultimate Analysis and Acid Value of Biodiesel from Waste Oil and Ethanol	I Wayan Bandem Adnyana, Ni Made Suaniti	Udayana University
2	13.15-13.30	Biodiesel Synthesis from Used frying Oil through Phosphoric Acid Refined and CaO Catalyz Transesterification	Ni Made Suaniti I Wayan Bandem Adnyana	Udayana University
3	13.30-13.45	Harmony of Urban Micro Communal-based Domestic Waste Management	Bramanto Geritno Tresna P. Soemardi	Universitas Indonesia
4	13.45-14.00	The Behavior of Various Thin-Walled Aluminum Prisms Subjected by Axial Impact Loading in Relation to The Energy Absorption Abilities	Witono Hardi	Khairun University
5	14.00-14.15	Influential Factors in Development of integrated management system (quality, occupational safety and health and environment management system) in monitoring and evaluation system for performance improvement in Indonesia construction company	Yurim Hatamaiya Setyorini Yusuf Latief	Universitas Indonesia
6	14.15-14.30	Water Purification Technology, The Use Of Water Hyacinth Microorganism And Organic Waste Product In Improving The Quality of Water From Batik Waste Treatment	Koosdaryani, M. Masykuri, Edy Purwanto Suranto	Universitas Sebelas Maret Surakarta
7.	14.30 – 14.45	Effect of Various Temperatures to Liquid Limit, Plastic Limit, and Plasticity Index of Clays	Budijanto Widjaja, Angela Florencea Nirwanto	Universitas Katolik Parahyangan

PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 7  
 Time : 13.00–15.00  
 Track : Industrial Engineering & Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	13.00-13.15	Fatigue Recovery Mathematical Modelling for Increasing Productivity of A Medium-Workload Worker in Indonesia	Iwan Aang Soenandi ,Vincent Ardian	UKRIDA
2	13.15-13.30	Ergonomic design of electric vehicle instrument panel: a study case on mobil listrik nasional universitas ndonesia	Erlinda Muslim, Boy Nurtjahyo Moch, Ghassani Shabrina ,Rinda Ramardhiani	Universitas Indonesia
3	13.30-13.45	Low-Cost Array Antenna Design for S-Band Maritime Radar by Using Sparse Array Method	Efri Sandi, Ratna Addafiah, Pitoyo Yuliatmojo	Universitas Negeri Jakarta
4	13.45-14.00	Dynamic capability and disruptive innovation within perspectives of industry 4.0, research result and innovation on people's prosperity	Khristian Edi Nugroho Soebandrija	Bina Nusantara University
5	14.00-14.15	Fake Twitter Message Identification Using ECDSA Message Validation	Prasetyo Adi	Sekolah Tinggi Sandi Negara
6	14.15-14.30	User Interface Evaluation of Mobile Application KRL Access Using User Experience Approach	Erlinda Muslim, Boy Nurtjahyo Moch, Asa Ibnu Hazmy, Sitti Alvina	Universitas Indonesia
7	14.30-14.45	User Interface Redesign of E-Commerce Platform Mobile Application (Kudo) Through User Experience Evaluation to Increase User Attraction	Erlinda Muslim, Boy Nurtjahyo Moch, Fristya Fadhilah Utami , Dea Indriyani	Universitas Indonesia
8	14.45 – 15.00	Bid-Fish: An Android Application For Online Fish Auction Based On Case Study From Muara Angke, Indonesia	Lianda Ramadhana, Amalia Nurul Balqis, Ika Nurlaili Isnainiyah and Rio Wirawan	UPN "Veteran" Jakarta

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PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 1  
Time : 15.15 –16.30  
Track : Industrial Engineering & Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	15.15-15.30	Cipularang Toll Road Safety Audit Of Traffic Signs And Road Markings	Ni Luh Putu Shinta Eka Setyarini, M.I Dewi Linggasari and Hendy Limawan	Universitas Tarumanagara
2	15.30-15.45	Dynamic Deflection of Concrete Plate in Semi-rigid Supports and Various Damping Condition	Yenny Untari Liucus and Sofia Wangsa-dinata Alisjahbana	Universitas Tarumanagara
3	15.45-16.00	Effect of cutting speed on temperature cutting tools and surface roughness of AISI 4340 steel	Sobron M. Lubis, Steven Darmawan, Adi Anto, Ericson	Universitas Tarumanagara
4	16.00-16.15	Comparison of PERT and M-PERT Scheduling for a Construction Project in Malang, Indonesia	Joshua Reinaldo Handoko, Onnyxiforus Gondokusumo	Universitas Tarumanagara
5	16.15-16.30	Hydraulic Analisis Of Drinking Water Pipeline Inter Island	Tri Suyono, Agustinus Purna Irawan, Wati Asriningsih Pranoto	Universitas Khairun, Universitas Tarumanagara



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PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 2  
 Time : 15.15 –17.00  
 Track : Computer Science & Information Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	15.15-15.30	Study on implementing Tor communication in connection to Storage Service Provider	Erika Ramadhani, Fietyata Yudha	Department of Informatics, Universitas Islam Indonesia
2	15.30-15.45	Influence of E-Filing Website toward Intention of Personal Taxpayers in Submitting Annual Tax Return	Hendro Lukman EstralitaTrisnawati	Universitas Tarumanagara
3	15.45-16.00	Increasing Regional Original Income (PAD) Using Cloud Computing Information Communication Technology	Ishak Ramli Agus Zainul Arifin Yanuar	Universitas Tarumanagara
3	16.00-16.15	Geographic Information Systems of Fire Vulnerability Area in West Jakarta	Novita Diah Anggraini, Dedi Trisnawarman, Wasino, Desi Arisandi	Universitas Tarumanagara
4	16.15-17.00	Recommendation Product Based on Customer Categorization with K-Means Clustering Method	Bagus Mulyawan, Viny Christanti M., Riyan Wenas	Universitas Tarumanagara

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PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 3  
 Time : 15.15 –17.00  
 Track : Computer Science & Information Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	15.15-15.30	Lighting Simulation of Flat and Slightly Arched Type Tunnel Based on Pasar Rebo Tunnel Data	Endah Setyaningsih and Jeanny Pragantha	Universitas Tarumanagara
2	15.30-15.45	Comparison Performance Reporting Engine Birt, Jasper Report, And Crystal Report On The Process Business Intelligence	Bambang Prasetya Adhi, Dendy Nanda, Widodo Widodo	Universitas Negeri Jakarta
3	15.45-16.00	Heart Sound Diagnose System with BFCC, MFCC, and Backpropagation Neural Network	Chairisni Lubis, Felicia Gondawijaya	Universitas Tarumanagara
4	16.00-16.15	Digital Organization: Implementation of Virtual Office Concept in Indonesia	Della Ariani Refil Laurensia Better Jap Tji Beng	Universitas Tarumanagara
5	16.15-16.30	A Review on Energy Harvesting and Storage for Rechargeable Wireless Sensor Networks	Tony, Lely Hiryanto	Curtin University, Universitas Tarumanagara
6	16.30-16.45	Bayesian Networks Modeling Using Partial Least Squares Approach to Predict Stroke Disease	Dedy Trisnawarman	Universitas Tarumanagara
7	16.45 – 17.00	The Development Plan of 'Rusun' Integrated Modern Market (Case Study: Grogol Market)	Muthiara Khairunnisa, Liong Ju Tjung	Universitas Tarumangara

PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 4  
 Time : 15.15 –17.00  
 Track : Medical & Health Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	15.15-15.30	Eulerian Multi-Fluid Simulation of Biomass Gasification in Circulating Fluidized Beds: Effects of Equivalence Ratio	Hadi Wahyudi, Imron Rosyadi and Mekro Permana	Universitas Sultan Ageng Tirtayasa
2	15.30-15.45	Urgency of the implementation of health technology assessment to support Indonesian National Health Security System	Gunawan Widjaja ,Hotmaria Hertawaty Sijabat	Husada Nurse Academy
3	15.45-16.00	The Effectiveness Of Serum-Free DMEM Media With Addition Of Royal Jelly Apis Mellifera (Ceiba pentandra) On Fibroblast Preputium Cells	Andri Pramono	Universitas Pembangunan Nasional Veteran Jakarta
4	16.00-16.15	DIFFERENCES EFFECTIVENESS MEDIA DMEM SERUM FREE WITH Tetragonula sp HONEY TO FIBROBLAST CELL PROLIFERATION OF PREPUTIUM	Maya Shafira	Universitas Pembangunan Nasional Veteran Jakarta
5	16.15-16.30	The effect of tobacco leaves pyrolysis extract (Nicotiana tabacum L. var. Virginia) against the formation of biofilm by Staphylococcus aureus: An in-vitro study	Dino Ario Putra, A. Pramono, Anisah, Misri Gozan, A. Fauzantoro	Universitas Pembangunan Nasional Veteran Jakarta
6	16.30 - 16.45	An econometric analysis of energy input in the agricultural sector and its impact on CO2 emissions: A case of Indonesia	Charles O.P. Marpaung	Universitas Kristen Indonesia
7	16.45 – 17.00	Predicting the Safety Factor of Ash Impoundment against Liquefaction	A.J Susilo, G.S Sentosa and A Prihatiningsih	Universitas Tarumanagara

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PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 5  
 Time : 15.15 –16.30  
 Track : Medical & Health Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	15.15-15.30	Decision Support System To Choose Private Higher Education Based On Marketing Mix Model Criteria In Indonesia	Ragil Pardiyono, Rina Indrayani	UNJANI Bandung
2	15.30-15.45	Insights and Challenges of Indonesia's Acute Coronary Syndrome Telecardiology Network: Three year experience from a single center and in West Jakarta, Indonesia	Anthony Paulo Sunjaya, Angela Felicia Sunjaya and Andria Priyana	Universitas Tarumanagara
3	15.45-16.00	Characterized and Synthesis of Chitosan Nanoparticle as Nanocarrier System Technology	Linda Julianti Wijayadi , Taty Rusliati Rusli	Universitas Tarumanagara
4	16.00-16.15	Analysis of Near Wake Recovery Of Vawt Hybrid Wind Turbin Scale Model In Wind Tunnel	Erwin Erwin, T.P. Soemardi, Adhi Surjosatyo, J.S. Nugroho, K. Nugraha	University of Sultan Ageng Tirtayasa
5	16.15-16.30	Multiple Knapsack Problem for Racking Selection +C142:C152 Model	Danan Anbiyaa, Erlangga Bayu Setyawan	Mercu Buana University

PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 6  
 Time : 15.15 –16.30  
 Track : Industrial Engineering & Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	15.15-15.30	Modeling on Clinical Group Decision Support System For Screening And Working Diagnosis Acute Respiratory Infections	Muhammad Syaukani, Sri Hartati, Hari Kusnanto, Suryo Guritno	Study Program of Information Technology, STMIK Indonesia Banjarmasin, Indonesia
2	15.30-15.45	The Detection of Pork Contamination in the Beef Sausage Products in Yogyakarta City with Polymerase Chain Reaction Method .	Vallery Athalia Priyanka, Susana Ristiarini, Pramana Yuda	University Indonesia
3	15.45-16.00	Decreasing Of Musculoskeletal Complaints Through Redesigns Handling Arit And Palu Products	Wahyu Susihono, Suryanawati	Sultan Ageng Tirtayasa University
4	16.00-16.15	Design and Theoretical Analysis of the Application of the Certificateless Public Key Encryption Scheme for Home Monitoring System Security	Hadyan Radifan, Amiruddin Amiruddin	Sekolah Tinggi Sandi Negara
5	16.15-16.30	Implementation of Salsa Stream Cipher Algorithm as an Alternative Cipher Suite SSL-VPN for VoIP Security	Aghnia Luthfy Nugrahtama, Yogha Restu Pramadi	Sekolah Tinggi Sandi Negara

PARALLEL SESSION SCHEDULE

Thursday, 22 November , 2018

Room : Conference Room 7  
 Time : 15.15 –16.30  
 Track : Industrial Engineering & Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	15.15-15.30	Impact of Upgrading ISO 9001:2008 to ISO 9001:2015 on Internal Rejects in Automotive Company	Afriyuddin, Diky Herdiawan, Humiras Hardi Purba	Mercu Buana University
2	15.30-15.45	Analysis of hospital performance measurement using performance prism method	Rusmin Nuryadin, Ahmad Mughni, Humiras Hardi Purba, Afriyuddin, Euis Nina Saparina Yuliani	Master of Industrial Engineering Program, Mercu Buana University
3	15.45-16.00	Comparison Analysis of Overlay Thickness using The AASHTO 1993 Method and The EVERSERIES Program	Faisal Gerardo, Bambang Sugeng Subagio, Jongga Jihanny and Gusfina Try Andari	ITB
4	16.00-16.15	Recording Application with Managerial Prediction Features For Skenoo Business	Aileena, Hery, Andree Emmanuel Widjaja, John Tampil Purba, Kristina Gloria Simanjuntak	Universitas Pelita Harapan
5	16.15-16.30	Implementation of Honeywords as a CodeIgniter Library for a Solution to Password-Cracking Detection	Ardian Budi Kusuma, Yogha Restu Permadi	Sekolah Tinggi Sandi Negara

PARALLEL SESSION SCHEDULE

Friday, 23 November, 2018

Room : Conference Room 1  
 Time : 08.30 – 11.30  
 Track : Civil & Environmental Engineering

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	08.30-08.45	Potensial Study Of Ground Water Lembah Keramat Tidore Island	Wati Asriningsih Pranoto, Tri Suyono	Universitas Tarumanagra
2	08.45-09.00	Local Wisdom as the Embodiment of the Latest Architecture Thought	Andi Surya Kurnia	Universitas Tarumanagra
3	09.00-09.15	Mode Choice Analysis Between Lrt And Car Route Kebayoran Lama-Kelapa Gading	Najid	Universitas Tarumanagara
4	09.15-09.30	Changing the Face of Modern Architecture: Bamboo as a Construction Material. Case study: Green School, Bali – Indonesia.	Firmanto Lianto. Rudy Trisno, Deni Husin, S. W .Teh	Universitas Tarumanagara
5	09.30-09.45	Relation between Transit Oriented Development (TOD) and the Effect of Electromagnetic Field with Fengshui on Residential Planning.	S W Teh Firmanto Lianto. Rudy Trisno	Universitas Tarumanagara
6	09.45-10.00	Critical Level Determination Method on Visual Assessment of Concrete Damage for Buildings	Henny Wiyanto, David Lie, James Kurniawan	Universitas Tarumanagara
7	10.15-10.30	Effect of Axle and Tire Configurations on Flexible Pavement Response	A N Tajudin R Priyatna	Universitas Tarumanagara
8	10.30-10.45	Numerical Study on Block Shear Failure of Structural Tees in Tension with Staggered Bolted Connection	H. Wijaya, A.Sandjaya	Universitas Tarumanagara
9	10.45-11.00	Development of Delivery Consolidation Procedures at Courier Service Companies Using Monte Carlo Simulation	Dody Hartanto, Arsyad Bunyannudin	Institut Teknologi Sepuluh Nopember

PARALLEL SESSION SCHEDULE

Friday, 23 November, 2018

Room : Conference Room 2  
 Time : 08.30 – 11.30  
 Track : Civil & Environmental Engineering

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	08.30-08.45	Reconstructing The Past: From Landform Bath To Spa-Scrapper Of Taman Sari	C Thedyardi, D Husin	Universitas Tarumanagara
2	08.45-09.00	Increasing the Production Capacity on Copper Drawing Machine at Cable Industry toward Electricity Fulfillment	Lilik Setyawan, Sawarni Hasibuan	Master of Industrial Engineering Program, Mercu Buana University
3	09.00-09.15	New Development Fiber Material : Use DoE Approach to determine the best formula for Blended Fiber Silk (Samiya Cynthia Riccini and Semi-Natural Fiber)	Fajar Pitarsi Dharma, Zulfa Fitri Ikatrinasari, Humiras Hardi Purba, Hendi Dwi Hardiman	Master of Industrial Engineering Program, Mercu Buana University
4	09.15-09.30	Redesigning The Isolation Room For Schizophrenia Patients After A Partial Remission Stage	Margaretha Sandi, Theresia Budi Jayanti, Rio Sanjaya, Kevin Tobias	Universitas Tarumanagara
5	09.30-09.45	Concept Of Sediment Filtration Intake Design For Raw Water Drinking Water	Muchlis, Wati Asriningsih Pranoto1, Tri Suyono	Universitas Tarumanagara
6	09.45-10.00	Effect Of Steel Fiber On The Shear Strength Of Reactive Powder Concrete	Daniel Christianto, Taviyo, Dennis Kurniadi	Universitas Tarumanagara
7	10.15-10.30	Analysis Of Damping Ratio In Passive Control Devices With Graded Sand As Fillers In The Shaft Section	Daniel Christianto, David Surachmat, Eric Leonardy, Wilsen Hartanto Lim, Mauren Theodora	Universitas Tarumanagara
8	10.30-10.45	Recent study on the effect of blast loading on composite structures	Gunaryo, Bambang K. Hadi, Sigit P. Santoso, Yayat Ruyat	Institut Teknologi Bandung



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9	10.45 – 11.00	Early Risks Identification On Sources And Causes Waste Road Construction Project Materials	Mega Waty , Hendrik Sulistio	Universitas Tarumanagara
10	11.00 – 11.15	Development Of Mount Masigit Area With Geopark Concept	Brenda Charisma Giovanni, Priyendiswara AB, Parino Rahardjo	Universitas Tarumanagara
11	11.15-11.30	The Application Of Sodium Acetate As Concrete Permeability-Reducing Admixtures	Widodo Kushartomo, Andy Prabowo	Universitas Tarumanagara

PARALLEL SESSION SCHEDULE

Friday, 23 November, 2018

Room : Conference Room 3  
 Time : 08.30 – 11.30  
 Track : Industrial Engineering

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	08.30-08.45	Effect of Recycled Materials on Marshall Performance of Hot Asphalt Mixture (HMA – RAP)	Rindu Bethary, Bambang Subagio, Harmein Rahman and Nyoman Suaryana	Bandung Institute of Technology
2	08.45-09.00	Analysis of Mak Diesel Engine Services at Merawang Power Plant Using FMEA Method	Lina Gozali, Kenty Lieanda, Lilyana Jap, Frans Jusuf Daywin	Universita Tarumanagara
3	09.00-09.15	Design of Educational Therapic Facility for Children with Cerebral Palsy and Other Movement Disabilities (Case Study: Sayap Ibu Foundation, Bintaro)	Margaretha Sandi, Rio Sanjaya, Maria Veronica Gandha, Dewi Ratnaningrum	Universitas Tarumanagara
4	09.15-09.30	Effects of Alkali and Steaming on Tensile Strength of Aren (Arenga Pinnata) Frond Fiber	Seno Darmanto, Sunarso Sugeng, Indartono, Eko Julianto Sasono	Universitas Diponegoro
5	09.30-09.45	Decision Support System Analysis In Raw Material Warehouse Sector Using System Dynamics Model (Case Study: PT. Modera Furintraco Industri, Indonesia)	Lilyana, S.T., M.Si, Kevin Oktavian	Universita Tarumanagara
6	09.45-10.00	Analysis and Improvement of Working Methods to Increase Productivity (case study: Float Glass collecting process)	Marcella, I Wayan Sukania, Lamto Widodo, Siti Rohana Nasution	Universita Tarumanagara

7	10.15-10.30	Ergonomic Portable Toilet for Women in Public Facilities	Lamto Widodo, Adianto, Debby, Siti Rohana Nasution	Universita Tarumanagara
8	10.30-10.45	The use of online survey to speed up data collection process	Leksmono Prof. Suryo Putranto, Ph.D	Universita Tarumanagara
9.	10.45– 11.00	The Utilization of Term Weighting Method for Filtering in Object Based Opinion Mining on the Tourism Product Reviews	Ahimsa Denhas Afrizal, Aris Tjahyanto	Institut Teknologi Sepuluh Nopembe
10	11.00 – 11.15	Analysis Of The Effect Of Toll Gate Geometry Designs On Traffic Accidents In Toll Gate On Tangerang-Merak Toll Road	Kristianto, Prof. Leksmono Suryo Putranto M.T., Ph.D	Universita Tarumanagara
11	11.15 – 11.30	The Influence of Driver Training on Self-Regulated and Safe Driving Behavior. Case Study: Bus Driver in Indonesia	Ngakan Made Sidan Arnawa and Leksmono Suryo Putranto	Universitas Tarumanagara

PARALLEL SESSION SCHEDULE

Friday, 23 November, 2018

Room : Conference Room 4  
 Time : 08.30 – 11.00  
 Track : Civil & Environmental Engineering

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	08.30-08.45	Spring water as the water source for Cirebon, Kuningan, and Majalengka region	V Kurniawan	Universitas Tarumanagara
2	08.45-09.00	Re-designing Facade of Kadin Tower Building (Application of Retrofit Program with OTTV)	Kisy Riniardi, Naniek Widayati Priyomarsono , James Rilatupa	Universitas Tarumanagara
3	09.00-09.15	Implementation of standardized WBS (Work Breakdown Structure) for time and cost performance. (Study case: Building project PT. X, Kuala Tanjung, Sumatera Utara)	Ayu Herzanita	Civil Engineering Department, Faculty of Engineering, University of Pancasila, Indonesia
4	09.15-09.30	Simplified activities model for earned duration calculation	Basuki Anondho, Yusuf Latief, Khrisna Mochtar, Joshua Aditya	Universitas Tarumanagara
5	09.30-09.45	Street Network, Transportation, And Transit Oriented Development	Dioddy Yuono	Universitas Tarumanagara
6	09.45-10.00	Planning of urban slum settlement in adaptation to landslide disaster	Liem Nadya Valencia, Suryono Herlambang, Liong Ju Tjung	Universitas Tarumanagara
7	10.15-10.30	Reference for contextual design	Franky Liauw	Universitas Tarumanagara
8	10.30-10.45	Dynamic response of ground floor slab due to Friedlander local load	Wilianto Aulia,Sofia W. Alisjahbana	Universitas Tarumanagara
9	10.45 – 11.00	Effectiveness And Efficiency Of Kitchen Space Reviewed From The Kitchen Triangle Concept On Small Flats : Case Study 'Rusunawa' Manis Jaya, Tangerang City, Banten	Ferdinand, Rudi Trisno, S Gunanata, N Widayati, Firmanto Lianto	Universitas Tarumanagara

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PARALLEL SESSION SCHEDULE

Friday, 23 November, 2018

Room : Conference Room 5

Time : 08.30 – 11.30

Track : Computer Sciences & Information System Technology

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	08.30-08.45	A Search-Based Software Engineering for Defect Prediction in Ubuntu Ecosystem	I Made Murwantara	Universitas Pelita Harapan
2	08.45-09.00	Impervious Land Classification Using Bootstrap Principal Component Analysis	Janson Hendrily	Universitas Tarumanagara
3	09.00-09.15	A Review of Authentication Protocols for RFID Security on Smart Healthcare	Hanif Restu Dearfian	Sekolah Tinggi Sandi Negara
4	09.15-09.30	Security Testing of a User-Participating Authentication Scheme Implementation on Web-Based Login System	Muhammad Akmaluddin ,Yogha Restu Pramadi	Sekolah Tinggi Sandi Negara
5	09.30-09.45	Website As An Information System For Distance Learning How To Build Hydroponics With A Greenhouse	Wiwin Windihastuty Windarto, Samsinar	Universitas Budi Luhur
6	09.45-10.00	Prototipe of Home Security System using Passive Infra Red (PIR) and Vibration Sensor Based Android	Irma Saraswati, Reyndra Oktavfazrin, Rian Fahrizal	University of Sultan Ageng Tirtayasa, Indonesia
7	10.15-10.30	Electrical Power Factor Optimization Through Wireless Sensor Network	Nina Hendrarini	Computer Engineering Departement School of Applied Science Telkom University
8	10.30-10.45	Performance Analysis at The Off Body Environment in Terms of Impedance Matching, Return Loss and VSWR for Wearable Antenna System on Different Materials	Joni Fat Syah Alam Indra Surjati	Universitas Tarumanagara

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9	10.45 – 11.00	Real Time Face Detection Using Haar-Like Feature Method and Local Binary Pattern Method	Dedy Junaidy Meirista Wulandari Harlianto Tanudjaja	Universitas Tarumanagara
10	11.00 – 11.15	Proportional Integral Derivative DC Motor Speed Control System for XY Plane Movements	Hadian Satria Utama, William Wijaya, Joni Fat	Universitas Tarumanagara
11	11.15 – 11.30	Participatory GIS for Collaborative Decision Making Development of Village Resource Potential	Dedi Trisnawarman, Zyad Rusdi Farid	Universitas Tarumanagara

PARALLEL SESSION SCHEDULE

Friday, 23 November, 2018

Room : Conference Room 6  
 Time : 08.30 – 11.45  
 Track : Civil, Electrical, Mechanical Engineering

NO	SCHEDULE	PAPER TITLE	AUTHORS	INSTITUTION
1	08.30-08.45	Implementation of bioretention system for environmental-based urban drainage planning	Endah Lestari, Agustinus P Irawan	Student of Civil Department, Faculty of Engineering Tarumanagara University, Indonesia
2	08.45-09.00	Zero run-off concept application in reducing water surface volume	Endah Lestari1 Chaidir A Makarim Wati A Pranoto2	Student of Civil Department, Faculty of Engineering Tarumanagara University, Indonesia
3	09.00-09.15	Children Friendly Environment in City Settlement Study case : 'Kampung Luar Batang, North Jakarta	Mariana, R Trisno, S Gunanta, N Widayati, F Lianto	Magister student, Department Architecture of Tarumanagara University, Jakarta, Indonesia
4	09.15-09.30	Implementation of improved 3D interpolation technique on HRIR models using Principal Components Analysis	Thomas, Thomas Hugeng , Hugeng Irfan Naufal	Department of Electrical Engineering, Universitas Tarumanagara Departement of Computer Engineering, Universitas Multimedia Nusantara
5	09.30-09.45	Deployment of PCA models of HRRs in digital signal processing board	Hugeng Hugeng , Tommy Setiawan	Department of Electrical Engineering, Universitas Tarumanagara Departement of Computer Engineering, Universitas Multimedia Nusantara
6	09.45-10.00	The knock down system of rattan furniture for global market	Eddy Supriyatna Marizar, Agustinus Purna Irawan, Jap Tji Beng	Universitas Tarumanagara
7	10.15-10.30	Product design of chairless chair based on local components to provide support for active workers	Enru Affandi, Michael, Herlambang Suteja, Agustinus Purna Irawan, Didi Widya Utama	Mechanical Engineering Department, Faculty of Engineering Universitas Tarumanagara Kun Shan University
8	10.30-10.45	Empirical research of enterprise resource planning system implementation in Indonesia: A Preliminary Study	Wilson Kosasih, Lithrone L. Salomon , Carla O. Doaly, R. Ryandi, S. Liman	Department of Industrial Engineering, Faculty of Engineering, Universitas Tarumanagara

9	10.45 – 11.00	Tensile Properties of Bamboo Strip Reinforced-Epoxy Matrix Composite	Sofyan Djamil, NPG Suardana, Agustinus P Irawan, IKG Sugitad	Mchanical Engineering Departement, Universitas Tarumanagara Mchanical Engineering Departement Udayana University
10	11.00 – 11.15	The effect of hot rolling on Hardness properties and Microstructure of Laterite Steel	Erwin Siahaan Riza A	Universitas Tarumanagara
11	11.15 – 11.30	Rutting performance of Buton rock modified asphalt mixtures	Mulyadi Irsan, Doddy Yuwono Muhammad Karami	Universitas Tarumanagara
12	11.30 – 11.45	Feasibility study of apartment XYZ investment by reviewing the payment alternatives and the supporting variables	Nur Agung Mulyana Halim, Iwan B. Santoso, Jason Lim	Universitas Tarumanagara



