

Day 1 (5 September 2018)

Room C309

Sustainable Infrastructure & Transportation

Time	Name of Authors	Title of paper	
13.00-13.10		Preparation	
13.10-13.30	1	R E Caraka, M Tahmid, R M Putra, A Iskandar, M A Mauludin, Hermansah, N E Goldameir, H Rohayani, B Pardamean	Analysis of Plant Pattern Using Water Balance and Climogram Based on Oldeman Climate Type
13.30-13.50	2	Adelia Dwidarma Nataadmadja, Joshua Adam Picasso Runtuwene	Analysis of concrete permeability with additional waterproofing admixture
13.50-14.10	3	Yusuf Latief, Gupita Rahajeng Kusumaningtyas, Leni Sagita Riantini Supriadi	Work Breakdown Structure (WBS) dictionary development for the construction works of flyover projects
14.10-14.30	4	A Suhendra, R P Putra, F. Absari, Juliastuti	Effectiveness study of prefabricated vertical drain using vacuum preloading and surcharge preloading
14.30-14.50	5	Nadia Rizky Junita, Dwita Sutjiningsih and Evi Anggraheni	The Influence Of Riparian Characteristics On The Diversity And Abundance Of Macroinvertebrates At Cascade-pond System Universitas Indonesia Depok
14.50-15.05		Coffee break	
15.05-15.25	1	Achmad Farid Wadjdi, Suhirwan, Yeyep Firdaus	Hybrid framework of decision making in military: case study of railway planning
15.25-15.45	2	Leni S Supriadi, Yusuf Latief	Development Of Work Breakdown Structure (WBS) Dictionary For Road Construction Works
15.45-16.05	3	Rudy Purwondho, Rihansjah Djohan	Research on the acceleration of settlement by installing vertical drain and preloading with sand
16.05-16.25	4	Made Suangga, Irpan Hidayat, Celine	Temperature Effects of Cable Forces on Cable-Stayed Bridge
16.25-16.45	5	Putri Arumsari, Andryan Suhendra, Hana Indira	Risk Factors Affecting the Quality of High Rise Office Building Projects in DKI Jakarta Province

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Room C310

Sustainable Industry and Green Manufacturing

Time	Name of Authors	Title of paper	
13.00-13.10		Preparation	
13.10-13.30	1	Dyah Lestari Widaningrum [*] , Karunia Mahardini	Spatial characteristic of urban campus in Indonesia
13.30-13.50	2	Ahmad Syarnubi, Riayadi Andemon Sembiring, Tri Siswaya, Rida Zuraida	Performance, productivity, and safety & health among employee of oil & gas company in Qatar
13.50-14.10	3	Tamimi Zakirah, Riyan Emeraldi, Handi Octavianus M., Daliansyah Danil, Tota Pirdo Kasih	Warehouse layout and workflow designing at PT. PMS using systematic layout planning method
14.10-14.30	4	Helena J Kristina, Agustina Christiani, Eric Jobiliong	The prospects and challenges of plastic bottle waste recycling in Indonesia
14.30-14.50	5	Fransisca Dini Ariyanti, Aditya Andhika	Green Supply Chain Practices in Indonesia's Industries
14.50-15.05		Coffee break	
15.05-15.25	1	Fauzi Khair, Ratih Karmila Dewi, Dendhy Indra Wijaya	Risk Perception Analysis of the Population in Sustainable Disaster Management Plan: A Case Study of Mount Merapi Eruption in Yogyakarta
15.25-15.45	2	N H S Bahril, T R Sahroni, Z Mustafa	Failure Model for Bioactive Degradable Composite
15.45-16.05	3	Hauw-Sen Tan	Green Products Consumption Behaviour among Industrial Engineering Undergraduate Students Based on The Theory of Planned Behaviour
16.05-16.25	4	Purnawan Adi Wicaksono, Nia Budi Puspitasari, Marissa Fajarina Retnaningtyas	Model for Determining the Requirement of Aircraft N219 on non pioneer routes in Indonesia
16.25-16.45	5	Armansyah, Winda Astuti, Juri Saedon, Hwi-Chie Ho, Shahrman Adenan	Load Level Prediction System Model of Friction Stir Spot Welded Aluminium Alloy Using Support Vector Machine

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Room C311

Sustainable Architecture

Time	Name of Authors	Title of paper
13.00-13.10	Preparation	
13.10-13.30	1 Maria Myron Charlotta Sengke, Paramita Atmodiwirjo and Yandi Andri Yatmo	The Configuration of Window Placement and Spatial Arrangement Based on Patient's Seeing Capacity
13.30-13.50	2 Riva Tomaso	Study on Sustainable Design Awareness
13.50-14.10	3 Qian Ying-miao , Wang Meng-jun, and Yuan Rui-jia	Visual analysis on hot spots and frontier of smart city - literature metering based on Web of Science
14.10-14.30	4 Yandi Andri Yatmo, Widya Aulia Ramadhani, Arif Rahman Wahid	Watch your hands: door types and the risk of infections in clinic waiting area
14.30-14.50	5 Rheza Maulana	Architecture For Animals: The Expanding Challenges Of Sustainable Development
14.50-15.05	Coffee break	
15.05-15.25	1 Albertus Prawata	A Study of Brick Façade Design as Preventive Measure for Passive Cooling
15.25-15.45	2 Bonny A Suryawinata, Yosica Mariana, Sigit W	Sustainability and Urban Morphology
15.45-16.05	3 M I Djimantoro	Multisensory experience for mental health in higher education classroom design
16.05-16.25	4 N. Nurdiani, W. Katarina	The Quality of Building Materials in Low Cost Flats - Jakarta and Proposed Application of Eco-Materials
16.25-16.45	5 Irwan Wunarlan	Morphology of peri-urban area: a case study at the sub-districts of telaga and kabila, gorontalo province

Day 1 (5 September 2018)

Room C312

Integrated of Smart Computing and Communication
Green Food Technology

Time	Name of Authors	Title of paper	
13.00-13.10		Preparation	
13.10-13.30	1	Endra Oey	A New Method of Sensing Matrix Optimization for Compressive Sensing
13.30-13.50	2	Winda Astuti, Satrio Dewanto, Khristian Edi Nugroho Soebandrija and Sofyan Tan	Automatic Fruit Classification Using Support Vector Machines: A comparison with Artificial Neural Network
13.50-14.10	3	Fergyanto E Gunawan	Vibration-based Classification of Road Damages: Gyroscope Data and A Simple Neural Network Model
14.10-14.30	4	Nico Surantha	IoT - A Low-Power Scenario for Indoor Air Quality Monitoring System at Workplace
14.30-14.50	5	Lukas Tanutama, Widjaja Atmadja, James Anthony, Jacksen	IOT ready infrastructure for home security system in clustered housing complex
14.50-15.05		Coffee break	
15.05-15.25	1	Ditdit Nugeraha Utama, Sofie Nurlatifani	Fuzzy eco-DSM for treating medical waste
15.25-15.45	2	Noerlina, D M Kristin, R Dewanti, Sasmoko, T N Mursitama, A M Muqsith, S P Fajrianti, N S Krishti, B A Makalew	Systematic literature review on corruption prevention efforts towards sustainable economy in Indonesia: ICT Perspective
15.45-16.05	3	Riko Tandil, Johan Yapson, Wiedjaja Atmadja, Suryadiputra Liawatimena, Rudy Susanto	Hydroponic Nutrient Mixing System Based on STM32
16.05-16.25	4	C S Huang ¹ , N Werawong ¹ , D Lo ² , M C Wu ^{1*}	Comparison of physicochemical and antioxidant properties changes during wine fermentation from three onion varieties