

CONFERENCE DAY -1 TUESDAY, 14 NOVEMBER 2017

Time	Program
12.20-13.20	Registration & Welcome coffee (Mataram Ballroom foyer)
13.20-14.20	Opening Ceremony (Mataram Ballroom)
	<ul style="list-style-type: none"> -Traditional Welcome Dance -Welcome Speech : Tota Pirdo Kasih, Ph.D Conference Chair of ICEED 2017 Dr. Ir. John Fredy Bobby Saragih M.Si Dean Faculty of Engineering Bina Nusantara University - Opening Conference Prof. Bahtiar S. Abbas, PhD. Vice Rector V Bina Nusantara University
14.20-15.20	Keynote Speech 1 (Mataram Ballroom)
	<p>Prof. Wong Nyuk Hien <i>Department of Building National University of Singapore, Singapore</i> Theme : "Development of a Smart and Sustainable City for the Tropics"</p>
15.20-15.40	Coffee Break Mataram Ballroom foyer
15.45-16.45	Keynote Speech 2 (Mataram Ballroom)
	<p>Prof. Chul-Ho Kang <i>Department of Electronics and Communications Engineering, Kwangwoon University, South Korea</i> Theme : "Telecommunications Engineering Development for Sustainable Interactions between Humans and Nature"</p>
16.50-17.50	Keynote Speech 3 (Mataram Ballroom)
	<p>Prof. Nur Yuwono <i>Department of Civil and Environmental Engineering, Gadjah Mada University, Indonesia</i> Theme : "Sustainable Water Transportation"</p>
19.00-21.00	Welcome Dinner Mataram Ballroom

CONFERENCE DAY -2
Parallel Presentation Session
WEDNESDAY, 15 NOVEMBER 2017

Time	Program	
08.00-08.50	Registration for Parallel Presentation Session – 5 th Floor	
09.00-10.30	Parallel Session 1	Adipati & Senopati Room – 5 th floor
10.30-11.55	Parallel Session 2	
12.00-13.20	LUNCH – Restaurant 7 th floor	
13.20-15.15	Parallel Session 3	Adipati & Senopati Room – 5 th floor
15.15-16.35	Parallel Session 4	
16.35-17.30	CLOSING	

PARALLEL SESSION SCHEDULE CONFERENCE DAY-2 WEDNESDAY, 15 NOVEMBER 2017

Parallel session 1

08.00-08.50 Registration 5th Floor

Adipati Room 5th floor

Time	Author's Name	Title
09.00-09.15	Fauzi Khair, Bertha Maya Sopha	Evaluation of location and number of aid post for sustainable humanitarian relief using agent based modeling (ABM) and geographic information system (GIS)
09.16-09.30	N B Puspitasari, D Pujotomo and H Muhardiansyah	Pricing of miniature vehicles made from telephone card waste
09.31-09.45	Khristian Edi Nugroho Soebandrija	Green innovation and sustainable industrial systems within sustainability and company improvement perspective
09.46-10.00	Tota Pirdo Kasih, Angel Kharisma, Muhammad Kevin Perdana, Richard Dimas Julian Murphiyanto	Development Of Non-Thermal Plasma Jet And Its Potential Application For Color Degradation Of Organic Pollutant In Wastewater Treatment
10.01-10.15	Taufik Roni Sharoni, Januar Nasution	Design and Analysis of Sustainable Paper Bicycle
10.16-10.30	Caesara Octavia, Laurence, Natalia Hartono	Water Footprint and Life Cycle Assessment of Concrete Roof Tile and Brick Products at PT. XYZx
10.31-10.45	Taufik Roni Sahroni, Ahmad Fitri Sukarman and Karunia Angung Mahardini	Design and analysis of sustainable computer mouse using design for disassembly methodology
Coffee Break		

**PARALLEL SESSION SCHEDULE
CONFERENCE DAY-2
WEDNESDAY, 15 NOVEMBER 2017
Parallel session I**

08.00-08.50 Registration 5th Floor

Senopati Room 5th floor

Time	Author's Name	Title
09.00-09.15	Norpadzlihatun Manap, Yuh Keong Goh, Noorsyahifah Syahrom	Compulsory of Malaysia's Quality Assessment System in Construction (QLASSIC)
09.16-09.30	M A Berawi, Perdana Miraj, A D Adhityo, G R Sakti	Improving Regional Development Through Aerotropolis Conceptual Design
09.31-09.45	Oki Setyandito, Yureana Wijayanti, Muhammad Alwan, Cholilul Chayati	The assessment of urban storm inundation
09.46-10.00	Norpadzlihatun Manap, Nur Hanifah Mohd Noh, Noorsyahifah Syahrom	Employability of Local Trained Skill Labour in Construction Industry
10.01-10.15	Doni Karisma, Gabriel Febrianto, Dave Mangindaan	Removal of dyes from textile wastewater by using nanofiltration polyetherimide membrane
10.16-10.30	Marincan Pardede, Riyanto Mangunsong, Rinda Hedwig	Push Water Pump System for Villages at an Altitude of \pm 1200m above Sea Level in Sipahutar – North Sumatera Area
10.31-10.45	Michael I. Djimantoro, Gatot Suhardjanto	The Advantage by Using Low - Altitude UAV for Sustainable Urban Development Controlling
Coffee break		

PARALLEL SESSION SCHEDULE CONFERENCE DAY-2 WEDNESDAY, 15 NOVEMBER 2017

Parallel session 2

Adipati Room Room 5th floor

Time	Author's Name	Title
10.50-11.05	Lukas Tanutama , Rico Wijaya	Implementing Eco friendly Highly Reliable Upload Feature using Multi 3G Service
11.06-11.20	Jimmy Linggarjati	DC servo motor positioning with anti-windup implementation using C2000 ARM-Texas Instrument
11.21-11.35	Wiedjaja Atmadja, Suryadiputra Liawatimena, Jonathan Lukas, Eka Putra Leo Nata, Ivan Alexander	Hydroponic System Design with Real Time OS Based On ARM Cortex-M Microcontroller
11.36-11.50	Endra Oey, Jeffry, Kelvin Wongso, Tommy	Compressive Sensing Using Optimized Sensing Matrix for Face Verification
11.51-12.05	A Winda, Sofyan, Sthevany, and R S Vincent	Intelligent Automatic Right-Left Sign Lamp Based On Brain Signal Recognition System
LUNCH : Restaurant 7th Floor		

**PARALLEL SESSION SCHEDULE
CONFERENCE DAY-2
WEDNESDAY, 15 NOVEMBER 2017
Parallel session 2**

Senopati Room 5th floor

Time	Author's Name	Title
10.50-11.05	Tan Hauw Sen Rimo, Ong Chai Tin	A simulation study of capacity utilization to predict future capacity for manufacturing system sustainability
11.06-11.20	Dyah Lestari Widaningrum, Aditya Andika, Richard Dimas Julian Murphiyanto	Cluster Analysis for Determining Distribution Center Location
11.21-11.35	Rida Zuraida, Dimitrius Widjaja	Eco-driving behavior tendency among Indonesian people: a preliminary study
11.36-11.50	Wahyudin, Angel Kharisma, Richard Dimas Julian Murphiyanto, Muhammad Kevin Perdana, Tota Pirdo Kasih	Application of Taguchi method and Anova in the optimization of dyeing process on cotton knit fabric
LUNCH : Restaurant 7th Floor		

PARALLEL SESSION SCHEDULE CONFERENCE DAY-2 WEDNESDAY, 15 NOVEMBER 2017

Parallel session 3

Adipati Room 5 th floor		
Time	Author's Name	Title
13.15-13.30	Irpan Hidayat, Made Suangga, Moh Reshki Maulana	The effect of load position to the accuracy of deflection measured with LVDT sensor in I-girder bridge
13.31-13.45	Rossy Armyn Machfudiyanto, Yusuf Latief	A conceptual framework to development of construction safety culture in Indonesia
13.46-14.00	Norpadzlihatun Manap, Kiat Ying Tan, Noorsyahifah Syahrom	Main Issues of Pile Foundation at Waterfront Development and Its Prevention Method
14.01-14.15	Norpadzlihatun Manap, Kiat Ying Tan, Noorsyahifah Syahrom	Factor and Prevention Method of Landslide Issue at Felcra Semungkis, Hulu Langat, Selangor
14.16-14.30	Made Suangga, Irpan Hidayat, Juliastuti, Darwin Julius Bontan	The Analysis of Cable Forces based on Natural Frequency
14.31-14.45	Bernardiunus Herbudiman, YA Pranata, L Pangestu	Design of Pedestrian Truss Bridge with Sengon-Rubber Laminated Veneer Lumber
14.46-15.00	Alfian Muamar Rifa'i, Bambang Setiawan and Noegroho Djarwanti	The effects of carbide column to swelling potential and Atterberg limit on expansive soil with column to soil drainage
15.01-15.15	Ata Aditya Wardana, Tri Dewanti Widyaningsih	Development of edible films from tapioca starch and agar, enriched with red cabbage (<i>Brassica oleracea</i>) as a sausage deterioration bio-indicator
Coffee Break		

**PARALLEL SESSION SCHEDULE
CONFERENCE DAY-2
WEDNESDAY, 15 NOVEMBER 2017
Parallel session 3**

Senopati Room 5th floor

Time	Author's Name	Title
13.15-13.30	M A Berawi, Perdana Miraj, HSidqi	Economic corridor of industrial development in Indonesia
13.31-13.45	Putri Arumsari, Juliastuti, Muhammad Khalifah Al'farisi	Cost estimation using ministerial regulation of public work No. 11/2013 in construction projects
13.46-14.00	Y.Wijayanti, K.Budihardjo, Y.Sakamoto, Oki Setyandito	Topsoil N-Budget Model in Orchard Farming to Evaluate Groundwater Nitrate Contamination
14.01-14.15	Dewi Handayani, Hera Cahyaning Putri, AMH Mahmudah	Logit And Probit Model In Toll Sensitivity Analysis Of Solo-Ngawi, Kartasura-Palang Joglo Segment Based On Willingness To Pay (WTP)
14.16-14.30	Adelia Dwidarma Nataadmadja, Eduardi Prahara, Pierre Christian Sumbung	Analysis of the Usage of Rubberized Asphalt in Hot Mix Asphalt Using Reclaimed Asphalt Pavement (RAP)
14.31-14.45	DKSY Klaas, MAImteaz, I Sudiyem, EME Klaas and ECM Klaas	Assessing the impact of grid cell properties in spatial discretization of groundwater model
14.46-15.00	Bonny A Suryawinata, Yosica Mariana, Sigit Wijaksono	Measuring accessibility of sustainable transportation using space syntax in Bojonggede area
Coffee Break		

PARALLEL SESSION SCHEDULE CONFERENCE DAY-2 WEDNESDAY, 15 NOVEMBER 2017

Parallel session 4

Adipati Room 5th floor

Time	Author's Name	Title
15.20-15.35	Riva Tomasowa, Firza Utama Sjarifudin	Adaptive Façade: Variant-Finding using Shape Grammar
15.36-15.50	Religiana Hendarti, Widya Katarina, Welly Wangidjaja	The study of the application of crystalline silicone solar cell type for a temporary flood camp
15.51-16.05	Yusuf Latief, Mohammed Ali Berawi, Leni Supriadi, Ario Bintang Koesalamwardi, Jade Petroceany, Ayu Herzanita	Integration of net zero energy building with smart grid to improve regional electrification ratio towards sustainable development
16.06-16.20	Andrew Sutedja, Claresta Aileen Josephine, Dave Mangindaan	Polysulfone thin film composite nanofiltration membranes for removal of textile dyes wastewater
16.21-16.35	Eduardi Prahara, Made Suangga, Ahmad Lutfi Ansori	Analysis of potential diverted of passenger car to the new toll road (case study: Cileunyi – Sumedang, West Java)
CLOSING		

**PARALLEL SESSION SCHEDULE
CONFERENCE DAY-2
WEDNESDAY, 15 NOVEMBER 2017
Parallel session 4**

Senopati Room 5th floor

Time	Author's Name	Title
15.20-15.35	Sigit Wijaksono, Sasmoko, Y Indrianti, and SA Widhoyoko	Jakarta socio-cultural ecology: a sustainable architecture concept in urban neighbourhood
15.36-15.50	John Fredy Bobby Saraqih, Michael Tedja	How Children Create Their Space for Play?
15.51-16.05	Noegi Noegroho, Yanita Milla Ardiani	Sustainability of Fisherman Village in Urban Area Case study: Untia fisherman village, Makassar, Indonesia
16.06-16.20	Wiyantara Wizaka, Nina Nurdiani	Improving student's technical drawing in building technology course with share and digital enrichment material
16.21-16.35	Yosica Mariana, Arindra J. Triwardhani, Michael Isnaeni Djimantoro	The study of a space configuration using space syntax analysis. Case study: an elderly housing
CLOSING		