

Conference Program
3rd International Conference on Energy, Environment and
Information System
“Strengthening Planning and Implementation of Energy,
Environment and Information System Toward Low Carbon
Society”
(3rd ICENIS 2018)
Tuesday, August 14, 2018

Time	Program	Venue
06.00 - 07.00	Committee Preparation	Secretariat Room
07.00 - 08.00	Registration	Lobby
08.00 - 08.45	Opening Ceremony	Plenary
	MC opening	
	Indonesia Raya Anthem	
	Diponegoro University Hymn	
	Pray	
	Report from ICENIS 2018 Chairman	
	Welcome Speech by the Dean of UNDIP	
	Javanese Dance Performance	
	Remark by the Rector of UNDIP	
	Opening of ICENIS 2018	
	Photo Session	
08.45 - 09.00	Preparation for Plenary Session 1	Plenary
09.00 - 10.30	Plenary Session 1	Plenary

Time	Program	Venue	
	KS 1. 20' (Prof.Shimaoka)		
	KS 2 20' (Prof. Nasrudin)		
	KS 3. 20' (Prof. Ho Chin Shiong)		
	Discussion 30'		
10.30 - 12.00	Parallel Session 1	Room 1 s/d Room 8	
10.45 - 11.00	Parallel Session 1.1		
11.00 - 11.15	Parallel Session 1.2		
11.15 - 11.30	Parallel Session 1.3		
11.30 - 11.45	Parallel Session 1.4		
11.45 - 12.00	Parallel Session 1.5		
12.00 - 13.00	Lunch Break and Dzuhur Prayer	Group A	Group B
13.00 - 13.30	Poster Session 1	Room 1 s/d Room 8	
13.30 - 15.00	Parallel Session 2	Room 1 s/d Room 8	
13.30 - 13.45	Parallel Session 2.1		
14.00 - 14.15	Parallel Session 2.2		
14.15 - 14.30	Parallel Session 2.3		
14.30 - 14.45	Parallel Session 2.4		
14.45 - 15.00	Parallel Session 2.5		
15.00 - 15.15	Ashar Prayer		
15.15 - 16.00	Parallel Session 3	Room 1 s/d Room 8	
15.15 - 15.30	Parallel Session 3.1		
15.30 - 15.45	Parallel Session 3.2		
15.45 - 16.00	Parallel Session 3.3		
16.00 - 16.30	Poster Session 2	Room 1 s/d Room 8	
* Lunch Group Information:			
all presenters in room 1-4,lunch in group A			
all presenters in room 5-8, lunch in group B			

Conference Program
3rd International Conference on Energy, Environment
and Information System
“Strengthening Planning and Implementation of Energy,
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Wednesday, August 15, 2018

Time	Program	Venue	
06.00 - 07.00	Committee Preparation	Secretariat Room	
07.00 - 08.00	Registration	Lobby	
08.00 - 09.30	Plenary Session 2	Plenary	
	KS 1 20' (Dr. Fujino)		
	KS 2 20' (Dr. Kanawut)		
	KS 3 20' (Dr. Sudarno)		
	Discussion 30'		
09.30 - 12.00	Parallel Session 4	Room 1 s/d Room 8	
09.30 - 09.45	Parallel Session 4.1		
09.45 - 10.00	Parallel Session 4.2		
10.00 - 10.15	Parallel Session 4.3		
10.15 - 10.30	Parallel Session 4.4		
10.45 - 11.00	Parallel Session 4.5		
11.00 - 11.15	Parallel Session 4.6		
11.15 - 11.30	Parallel Session 4.7		
11.30 - 11.45	Parallel Session 4.8		
11.45 - 12.00	Parallel Session 4.9		
12.00 - 1300	LunchBreak and Dzuhur Prayer	Group A	Group B
13.00 - 13.30	Poster Session 3	Room 1 s/d Room 8	
13.30 - 15.00	Parallel Session 5	Room 1 s/d Room 8	

Time	Program	Venue
13.30 - 13.45	Parallel Session 5.1	
14.00 - 14.15	Parallel Session 5.2	
14.15 - 14.30	Parallel Session 5.3	
14.30 - 14.45	Parallel Session 5.4	
14.45 - 15.00	Parallel Session 5.5	
15.00 - 15.15	Ashar Prayer	
15.15 - 16.00	Parallel Session 6	Room 1 s/d Room 8
15.15 - 15.30	Parallel Session 6.1	
15.30 - 15.45	Parallel Session 6.2	
15.45 - 16.00	Parallel Session 6.3	
16.00 - 16.30	Poster Session 4	Room 1 s/d Room 8
* Lunch Group Information:		
all presenters in room 1-4,lunch in group A		
all presenters in room 5-8, lunch in group B		

**PARALLEL SESSION 1-3
TUESDAY, AUGUST 14, 2018**

Parallel Session 1-3
Tuesday, August 14, 2018

ROOM-1

No	Code	Author	Title
<i>Parallel Session 1</i>			
1.1	ENG01	Budi Nur Cahyo, Ahmad Agus Setiawan, Wahyu Wilopo, Afrizal Abdi Musyafiq	Energy Demand and Supply Forecasting Based on Electricity Consumption Intensity and Production Capacity for Development of Operating
1.2	ENG01	Dhandy Arisaktiwardhana, Iqbal Akbar	Reducing Economic Disparity in The Outermost and Border Regions: Assessing Barriers and Opportunities in The Electricity Sector
1.3	ENG01	Candra Arie Nugrahanto, Jaka Windarta, Jaka Aminata	Analysis of Causality Relationship Energy Consumption and CO2 Emissions to Economic Growth based on the LEAP Model (Case Study of Energy Consumption in Indonesia 2010-2025)
1.4	ENG01	Chiquita Tri Rezki, Tri Edhi Budhi Soesilo, HerdisHerdiansyah, and Udi Syahnoedi	Integrated Hydrodynamic and Oil Spill Modelling using OILMAP Software for Environment Protection of Oil Spill in Cilacap Regency
1.5	ENG02	Suripto	Poverty And Consumption of Fossil Energy; Case Study In Yogyakarta Special Province

No	Code	Author	Title
<i>Parallel Session 2</i>			
2.1	ENG03	Dini Wahyuni, Irwan Budiman, Mangara Tambunan	Alternative Selection in Reducing Wood Scrap with Green Productivity Approach
2.2	ENG03	Achmad Chalid Afif Alfajrin, and Hadiyanto	Root Uptake and Distribution of Radionuclides Cs-134 and Co-60 in Sunflower Plants (<i>Helianthus annuus.L</i>)
2.3	ENG03	Nurhayati Sembiring, Novita Sari Br Purba	ANALYSIS OF COMPANY OPERATING FEASIBILITY USING ENERGY PRODUCTIVITY RATIO (EPR)
2.4	ENG03	Benediktus Yosef Arya Wastunimpuna, Wahyu Setia Budi, and Erni Setyowati	The Effect of Outside Corridor's Orientation to Interior Thermal Condition at Lawang Sewu Semarang
2.5	ENG03	Eflita Yohana, Revki Romadhon, Binawan Luhung, Irwan Fernando, and M.S.K. Tony Suryo Utomo	COOLING LOAD AND EXERGY DESTRUCTION ANALYSIS IN AIR CONDITIONING OPERATION ROOM WITH AMBIENT TEMPERATURE VARIATION

No	Code	Author	Title
<i>Parallel Session 3</i>			
3.1	ENG03	Isworo Pujotomo	Characteristics Surface Temperature Of Solar Cell Polycrystalline Type To Output Power
3.2	ENG03	Nani Harihastuti	Development of gasification process technology for the production of environmentally friendly and sustainable syngas in Wood Processing Industry
3.3	ENG04	Muhamad Zuhud Andrya, Muhammad Facta and Widayat	THERMOELECTRIC APPLICATION IN ENERGY CONSERVATION

Parallel Session 1-3
Tuesday, August 14, 2018

ROOM-2

No	Code	Author	Title
<i>Parallel Session 1</i>			
1.1	ENV01	Yulizar Ihrami Rahmila, M. Arief Rahman Halim, Fuad Muhammad	MANGROVE FOREST DEVELOPMENT DETERMINED TO ECOTOURISM IN MANGUNHARJO VILLAGE SEMARANG
1.2	ENV01	Deddy Caesar Agosto, and Eko Kusratmoko	The Fluctuation of Water Quality of Ci Lutung flow areas in Majalengka and Sumedang.
1.3	ENV01	M. Arief Rahman Halim, Yulizar Ihrami Rahmila, Fuad Muhammad and Yuanita Safitri	THE EFFECT ON MANGROVE DENSITY WITH SEDIMENT RATE IN COASTAL PASAR BANGGI OF REMBANG REGENCY
1.4	ENV01	Hendra Wirawan Zakariah, Kismartini, Hartuti Purnaweni	Community Participation in Flood Disaster management in Sumbawa (Case study in Songkar Village)
1.5	ENV01	Chandra Puspita Sari, Fuad Muhammad, Hadiyanto	Carrying Capacity of Gancik Hill Top for Ecotourism Development in Boyolali District

No	Code	Author	Title
<i>Parallel Session 2</i>			
2.1	ENV01	Thomas Triadi Putranto, Narulita Santi, Najib Najib, Adrian Hanenda Qadarisman	Groundwater Quality Analysis in Nusakambangan Groundwater Basin/Indonesia
2.2	ENV01	Sudaryanto, Thomas Oni Variasa, and Suyud Warno Utomo	Shaded Grown Coffee Under Fruit Trees in Highland Forests as a Restoration of the Village Environment
2.3	ENV01	Kiki Andriani, Nurini, and Rina Kurniati	Implementation Of The Urban Forest Canopy Concept In Urban Forest Park Design, As An Effort To Rehabilitate Post-Mining Land Of Pt. Bukit Asam, Muara Enim, South Sumatera
2.4	ENV01	Dyah Ika Rinawati, Diana Puspita Sari, Darminto Darminto and Puji Kasih Handayani	Natural Dyes Batik Product Design Using Green Quality Function Deployment II Method to Support Batik Sustainable Production
2.5	ENV01	LidyaErnawati,SutrisnoAnggoro	Analysis of Land Cover Change and Determination of Land Rehabilitation Areas based on Geographic Information System in Magelang Regency

No	Code	Author	Title
<i>Parallel Session 3</i>			
3.1	ENV01	Purwanto Purwanto, Aniek Hindrayani, and S. Minardi	The Impact of the Forest Land for Intensive Agricultural Systems to Efficiency of Nitrogen Utilization
3.2	ENV01	Eko Suwarno, Fuad Muhammad	The Environmental supporting Tourism Capacity Analysis in Wana wisata Goa Kiskendo of BKPH Boja KPH Kendal
3.3	ENV01	Fadhilah Nadzira, Kusratmoko Eko, and Kuswantoro	Impact of Landuse on Hydrology and Erosion Rate Characteristics in Ci Lutung Watershed with SWAT Model

Parallel Session 1-3
Tuesday, August 14, 2018

ROOM-3

No	Code	Author	Title
<i>Parallel Session 1</i>			
1.1	ENV02	Mulyawan Sania Septiani, Aghnia Dini Widyani I, Rianawati Elisabeth, Damanhuri Enri, Handajani Marisa and Padmi Tri	The Study Of Rice Husk As Co-Digestion Together With Cow Dung In Biogas Production Of Anaerobic Digestion
1.2	ENV02	Dwi Nur Yuliani, Thomas Triadi Putranto, and Wahyu Ambarwati	STUDY OF EFFECT OF SPATIAL DISTRIBUTION OF ROB TRADE ON WATER LAND CONCENTRATION IN SEMARANG CITY
1.3	ENV02	Ari Wulandari, Fuad Muhammad, Maryono Maryono	Carrying capacity for ecotourism development in Tahura K.G.P.A.A. Mangkunagoro I
1.4	ENV02	Ibrahim, Dwi Haryadi, and Nanang Wahyudin	The Dilemma of Tin Mining of Non-miners People : A Comparative Study Between Bangka and Belitung People Perception
1.5	ENV02	Ayu Arni Sarah, Hayati Sari Hasibuan, and Donna Asteria	Environmental Management at the Household, the case of Bekasi City

No	Code	Author	Title
<i>Parallel Session 2</i>			
2.1	ENV02	Solikhul Abdi, Sudarno	ANALYSIS OF RAW WATER SUPPLY IN PUCANG GADING HOUSING COMPLEX, DISTRICT OF DEMAK TO PREPARATION OF WATER RESOURCES AND WATER RESOURCES MANAGEMENT
2.2	ENV02	Muslihudin Muslihudin, Eko Hendarto, Rin Rostikawati, Rili Windiasih, TyasRetnoWulan	Relationship between Environmental Damage and Corruption Case in Indonesia
2.3	ENV02	Aniek Hindrayani, Purwanto	Analysis of Relatedness and Interaction Impact for Some Cases of EIA in Indonesia
2.4	ENV02	Thomas Triadi Putranto, Daniel Eko Aryanto	Spatial Analysis To Determine Groundwater Recharge Area In Purworejo Regency, Central Java Province/Indonesia
2.5	ENV02	Firmansyah Firmansyah, Shanty Oktavilia, F.X. Sugiyanto, Evi Yulia Purwanti, Faly Santoso	Impact of Indonesian Tobacco Manufacturing on Environment: an Input-Output Analysis

No	Code	Author	Title
<i>Parallel Session 3</i>			
3.1	ENV02	Iwan Chandra Simanjuntak, and Fuad Muhammad	Carrying Capacity of Kedungombo Reservoir for Net Cage Culture
3.2	ENV02	Yuliana Rachmawati, Kismartini, and Suharyanto	The Flood Disaster Management Model in Wonosari village Semarang City
3.3	ENV02	Novie Susanto, Wiwik Budiawan, Ahmad Fardiansyah	Evaluating Safety Climate Impact on Safety Behaviour of the Worker in Small and Medium-Sized Wood Furniture in Bandengan Village, Jepara

Parallel Session 1-3
Tuesday, August 14, 2018

ROOM-4

No	Code	Author	Title
<i>Parallel Session 1</i>			
1.1	ENV03	Mokhamad Dwi Apriyanto, Iwan Rudiarto	The Application of Geographic Information System To Identify The Conversion of Paddy Field in Batang District, Batang Regency, Central Java Province
1.2	ENV03	Zulfi Hadianto, Syafrudin Syafrudin, and Sunarsih Sunarsih	Development of dynamic model of faecal sludge treatment in surabaya city
1.3	ENV03	Eko Saputra, J Jamari, Han Ay Lie, Iwan Budiwan Anwar, Rifky Ismail, Mohammad Tauviqirrahman, Emile van der Heide	The Effect of layer variation Between Liner and Cement Mantle on Reducing Cracks of PMMA material Hip Joints
1.4	ENV03	Badrus Zaman	Potential of Natural Flocculant in Coagulation-Flocculation Wastewater Treatment Process
1.5	ENV03	Giri Bayuaji, Astrid Damayanti, Tuty Handayani	QUALITY OF SHRIMP PONDS ENVIRONMENT IN THE COASTAL REGION OF BREBES DISTRICT

No	Code	Author	Title
<i>Parallel Session 2</i>			
2.1	ENV03	Susiana Purwantisari, Achmadi Priyatmojo, Retno Peni Sancayaningsih, Rina Sri Kasiamdari, Kadarwati Budihardjo	The Resistance of Potatoes by Application of Trichoderma viride
2.2	ENV03	Taufan Herry, Purwanto Purwanto	The Management Of Hazardous And Toxic Waste Materials In The Food Industry
2.3	ENV03	Ari Dina Permana Citra, Ari Dina Permana Citra, Purwanto Purwanto, Henna Rya Sunoko	The use of paint waste as a raw material of paving block
2.4	ENV03	Eko Hendarto, Muslihudin Muslihudin, Nur Laila Rahayu and Yuki Aliffenur Romadhon	Influence of Liquid Organic Fertilizer on The Production and Carrying Capacity of Livestock from Setaria Grass (Setaria Splendida)
2.5	ENV03	Lina Herlina, Budi Widianarko and Henna Rya Sunoko	Phytoremediation of Lead Contaminated Soils using Cordyline frucosa (L)

No	Code	Author	Title
<i>Parallel Session 3</i>			
3.1	ENV03	Hana Syakira, Lidiya Novelendah, and Kartika Pertiwi	Eco-Fer (Ecotru Fixed Bed Reactor): Application of Ecotru as an Innovation for Ammonium Elimination in Waste Water on Fixed Bed Reactor
3.2	ENV03	Ika Kartika Febriani and Hadiyanto	The Effectiveness of Using Water Hyacinth Plant As Phytoremediation Agent On Paper Industry Liquid Waste
3.3	ENV03	Mardhika Sapto Sari, Hadiyanto, Fuad Muhammad	Determine Environment Impacts in Upstream Processes of Oil and Gas Industries using Life Cycle Assessment

Parallel Session 1-3
Tuesday, August 14, 2018

ROOM-5

No	Code	Author	Title
<i>Parallel Session 1</i>			
1.1	ENV04	Eka Wardhani, Suprihanto Notodarmojo, and Dwina Roosmini	Assessment of heavy Metal Contamination in the Water of Saguling Reservoir West Java Province Indonesia
1.2	ENV04	Kemala Imas Tejo Sutono, Yuliani Setyaningsih, Suroto	Individual Characteristics, Water Intake Adequacy Rate, Acclimatization, and Heat Strain: A Cross-Sectional Study on Heat Exposed Workers
1.3	ENV04	Hernayanti, Slamet Santoso, and Sri Lestari	The Effect of Cadmium Exposure in Polymorphisms Gene NOS3, Blood Cadmium Level, Nitric Oxide Level, Blood Pressure and Antioxidant Enzymes
1.4	ENV04	Diana Mutia Pratiwi, Roekmijati Widaningroem Soemantojo, and Suyud Warno Utomo	Why it is often underestimated: Historical Study of Ammonia Exposure Impacts towards Human Health in Industry
1.5	ENV04	Sannita Debora Ambarita, Yuliani Setyaningsih, Daru Lestantyo and Yudhi Dharmawan	MAPPING OF WORK Hazards Environment And Illness Risk Of Employment On Brass Craftsman Based On Geographic Information System (GIS)

No	Code	Author	Title
<i>Parallel Session 2</i>			
2.1	ENV04	Aprisa Anggie Praditya, Martini, and Lintang Dian Saraswati	Container Characteristic, Mosquito Habitat Diminishing Practice, and the Ownership Status of Residence with The Existence of Aedes Sp in Tembalang Village, Semarang
2.2	ENV04	A. Munawar, H. Suhartoyo, and P.S. Asriani	MERCURY TOXICITY POTENTIAL FROM ARTISANAL AND SMALL SCALE GOLD MINES IN LEBONG REGENCY, BENGKULU PROVINCE
2.3	ENV04	Alvira Oktariani, and Eko Kusratmoko	Impact of Land Use on Water Quality in Cilutung Watershed (Case Study : Cideres Sub-watershed, Cijurey Sub-Watershed, and Cisaar Sub- Watershed)
2.4	ENV04	Nia Budi Puspitasari, Dyah Ika Rinawati, Bayu Dwi Sutrisno	THE EFFECT OF GREEN PURCHASE INTENTION FACTORS ON THE ENVIRONMENTAL FRIENDLY DETERGENT PRODUCT (LERAK)
2.5	ENV04	Wahyuningsih Wahyuningsih, RTD Wisnu Broto, Rizka Amalia, and Hafizh Rama Devara	Kinetics Of The Enzymatic Transesterification Of Tuna Oil Catalyzed By Immobilized Candida Rugose Lipase To Produce Structured Lipid High In Omega-3 Fatty Acids

No	Code	Author	Title
<i>Parallel Session 3</i>			
3.1	ENV04	Wahyuningsih, Isti Pudjihastuti , Fahmi Arifan, Rizka Amelia,Hafiz	Improving The Quality And The Quantity of Fungtional Instan Ginger Drink at KUB Tlogosari in Temanggung District
3.2	ENV04	Edy Supriyo, Wisnu Broto, Isti Pujiastuti and Fahmi Arifan	EFFICACY OF INSECTICIDE FORMULATION OF ORGANO PHOSPHATE 5 EC MIXTURE OF MALTAHION ON MOSQUITO AEADES AEGYPTI
3.3	ENV04	Siti Rachmawati, Dita Puspitaningrum	FACTORS AFFECTING LOW BACK PAIN COMPLAINT TO WORKERS IN GRAVITY CASTING AREA PT. AKEBONO BRAKE ASTRA INDONESIA

Parallel Session 1-3
Tuesday, August 14, 2018

ROOM-6

No	Code	Author	Title
<i>Parallel Session 1</i>			
1.1	ENV07	Wiharyanto Oktiawan, Endro Sutrisno, Mochtar Hadiwidodo, and Mochamad Arief Budihardjo	Performance of Semi-Aerobic Solid Waste Bioreactor in relation to Decomposition Process and Biogas Production
1.2	ENV07	Syafrudin Syafrudin, Budi Prasetyo Samadikun, Irawan Wisnu Wardana and Mochamad Arief Budihardjo	Composition of Domestic Solid Waste on Biogas Production and Characteristic in MSW Landfill
1.3	ENV07	Pertiwi Andarani, Kiky S.M. Puspandiyah; Wiwik Budiawan, Ratna Purwaningsih; Budi P. Samadikun; and AryaRezagama	Preliminary Study on Plastic Waste Handling in Semarang City – Indonesia: Estimated Generation and Existing Management
1.4	ENV07	Rianawati Elisabeth, Damanhuri Enri, Handajani Marisa and Padmi Tri	Comparison of Household and Communal Biogas Digester Performance to Treat Kitchen Waste, Case Study: Bandung City, Indonesia
1.5	ENV07	Etih Hartati, Ikrima Nurul Amaliyah, and Salafudin	Circulation of Leachate Organic Solid Waste in Fixed Bed Reactor with Pressure Swing Absorption Technology

No	Code	Author	Title
<i>Parallel Session 2</i>			
2.1	ENV07	Mochamad Arief Budihardjo, Mochtar Hadiwidodo, Haryono Setiyo Huboyo, and Felita Rahma Aulia	Characterization of Leachate from Integrated Solid Waste Treatment Plant of Diponegoro University, Indonesia
2.2	ENV07	Sumardianto Nugroho, and Suherman Suherman	Development of Organic Fertilizer in a Livestock Business as an Alternative of Cow Manure Management Strategy
2.3	ENV07	Novi Fitria, Enri Damanhuri, Indah IR Salami and Yati Supriatin	Assesing Generated Quantities and Proportion of Infectious Medical Waste : A Case Study at Hospitals in Bandung Region Indonesia
2.4	ENV07	Zahrotun Nihlah	Lean Manufacturing: Waste Reduction Using Value Stream Mapping
2.5	ENV07	Abdul Mukhit, Fuad Muhammad	Waste Handling Strategy in Pemandian Air Panas guci, Tegal Regency

No	Code	Author	Title
<i>Parallel Session 3</i>			
3.1	ENV07	Widayat Widayat, Dita Ayu Sofiati, Bambang Cahyono and Hantoro Satriadi	Study of Rendement of Red Ginger Essential Oil from Red Ginger Waste by Using Steam Distillation Process
3.2	ENV07	Asiyanthi Tabran Lando, Abdul Nasser Arifin, and Nurhayati	Effect of Bio-activator Addition and Stirring on Biogas Production from Rice Husks and Cow Dung
3.3	ENV07	Irwan Ridwan Rahim, Rusdi Usman Latif, and Syahiq Mahzuz Umar	Study Of Domestic E-Waste Management in Sungguminasa City, Gowa Regency, South Sulawesi Province, Indonesia

Parallel Session 1-3
Tuesday, August 14, 2018

ROOM-7

No	Code	Author	Title
<i>Parallel Session 1</i>			
1.1	INS02	Lenny Margaretta, Mustafid Mustafid, and Jatmiko Endro Suseno	Inventory Control System for Vaccines Distribution With Model Predictive Control In Hospital
1.2	INS02	Mustafid, Dwi Ispriyanti, Sugito, and Diah Safitri	Inventory control systems for stochastic lead time demand
1.3	INS03	Fabian Singgih Wicaksono, Eko Saputra, Rifky Ismail, Mohammad Tauviqirrahman, J Jamari, and Athanasius Priharyoto Bayuseno	Study of Sensor Deflection in Hip Simulator : Numerical and Experimental Method
1.4	INS03	Albertus Dwi Yoga Widianoro, Ridwan Sanjaya, Tjahjono Rahardjo and A. Rachmat Djati Winarno	Integration of Internet Technology to Support The Wayang Orang Ngesti Pandawa Business
1.5	INS03	Sheyla Najwatul Maula, Melyana Nurul Widyawati, and Suryono Suryono	A Model for Hypogalactia Treatment Using Electrical Acupoint to Reduce Stress Level, Increase Breast Milk Volume, and Improve Prolactin Content

No	Code	Author	Title
<i>Parallel Session 2</i>			
2.1	INS04	Siska Febrina Fauziah, Suryono Suryono, and Melyana Nurul Widyawati	Postpartum Blood Loss Measurement Using Digital Image Processing
2.2	INS04	Devi Astri Nawangnugraeni, R. Rizal Isnanto, and Oky Dwi Nurhayati	Android Based Self-Control Management System for Diabetes Mellitus
2.3	INS04	Mahrus Ali	SYNCHRONOUS BACKTRACKING ALGORITHM FOR ANALYSIS OF FINANCIAL PERFORMANCE MULTIAGENT SYSTEM
2.4	INS04	Chahya Chairani, Ratna Saraswati	The Dynamics Change Of Pond Land Into Settlement The East Coast Of Surabaya 2004-2017
2.5	INS04	Alen Adriyanti Tangkesalu, Mustafid Mustafid, and Jatmiko Endro Suseno	Information System of Performance Assessment on Startup Business using Simple Multi-Attribute Rating Technique Exploiting Ranks (SMARTER)

No	Code	Author	Title
<i>Parallel Session 3</i>			
3.1	INS04	Aries Susanty, Arfan Bakhtar, Tis'a Meridien	Using Sustainable Balanced Scorecard and Graph Theoretic Approach to Make Decision in Reverse Logistic
3.2	INS04	Tri Agustina Nugrahani, Kusworo Adi, and Jatmiko Endro Suseno	Optimization Distribution Information System Using Vehicles Routing Problem (VRP) Model And Prediction With Weighted Moving Average (WMA) Method for Batik Product
3.3	INS05	Ratna Purwaningsih, Danu Rahardjo, and Haryo Santosa	Design of Swimming Aid Tool in Hand Using Bio mimicry Design Spiral Approach

Parallel Session 1-3
Tuesday, August 14, 2018

ROOM-8

No	Code	Author	Title
<i>Parallel Session 1</i>			
1.1	LCSD01	Bangun IR Harsritanto	OPEN SPACE TRANSFORMATION IN CONSERVATION AREA
1.2	LCSD01	Anita Ratnasari Rakhmatulloh, Talitha Zuleika Islamey, and Diah Intan Kusuma Dewi	Can Online Transportation Support Low Carbon?
1.3	LCSD01	Ifsantin Nihaya, Dwi P Sasongko, Haryono Setiyo Huboyo	Overview : Resource Efficiency in PTPN IX PG. Sragi to achieve Green Proper
1.4	LCSD01	Muhammad Rifqi Maulana, Denny Nugroho Sugianto	Study of Social Vulnerability of Climate Change at the Mountain Ecosystem
1.5	LCSD01	Diah Intan Kusumo Dewi	Pattern of public green open space in planned and unplanned residential tembalang Semarang

No	Code	Author	Title
<i>Parallel Session 2</i>			
2.1	LCSD01	Rahmaningtyas Wiganingrum, Naniek U. Handayani, Hery Suliantoro	Framework Development of Campus Sustainability Assessment. Case Study: Diponegoro University
2.2	LCSD01	Nur Farida, Naniek U. Handayani, Mochamad A. Wibowo	Developing indicators for implementing green material management in the construction industry: a literature review
2.3	LCSD01	Anom Guritno, Sudarno	Analysis of Implementation Green Infrastructure of Bregas Regional Water Supply System
2.4	LCSD01	Sabilla Astaniajanti, M. H. Dewi Susilowati	The Relation of Distribution of Tourism Facilities with Road Network in Pekalongan City
2.5	LCSD01	Saiful Hadi, Bambang WHEP, Hadiyanto	Analysis of Effect of Vegetation Change on Surface Temperature in Umbulharjo Village Area, Sleman Regency Using Geographic Information System

No	Code	Author	Title
<i>Parallel Session 3</i>			
3.1	LCSD01	Akhmad Shidiq Darajat, M. H. Dewi Susilowati	Physical and Facilities Factors Influencing Tourist Distribution in Bantul Regency, Special Region of Yogyakarta
3.2	LCSD01	Jurike Winarendri, Purwanto Purwanto, Maryono Maryono, Sudarno Utomo	The Relationship between Groundwater Recharge and Potential RunOff Coefficient for Different Land Use in Urban BWK I Semarang
3.3	LCSD01	Moch. Samsul Arifin, Hadiyanto	Above Carbon Stoks Potential in Universitas Negeri Semarang

**PARALLEL SESSION 4-6
WEDNESDAY,
AUGUST 15, 2018**

Parallel Session 4-6
Wednesday, August 15, 2018

ROOM-1

No	Code	Author	Title
<i>Parallel Session 4</i>			
4.1	ENG04	Alif Widiyanto, Sulistyo, and MSK Tony Suryo Utomo	Effect of Porosity on Temperature Distribution Anode of SOFC Planar
4.2	ENG05	Dan Mugisidi, Oktarina Heriyani	Study of Utilization Under Sea-water Hydrostatic Pressure as Hydro Power
4.3	ENG05	Suhartono, Priyono Kusumo, Ate Romli, M. Iqbal Aulia, Egi Muhamad Yanuar	Fuel Oil from Municipal Plastic Waste through Pyrolysis with and without Natural Zeolite as Catalysts
4.4	ENG05	Rinna Hariyati, Tony Koerniawan, Isworo Pujotomo	Communal Electricity With Biodigester Method to Overcome the Rubbish
4.5	ENG05	Yunus Daud, Yasir Arafat, Dhara Adhnandya Kumara, Diah Anastasia Fortuna, Faris Maulana Yunus, Haidar Firdaus Avicienna and Farhan	An Updated Study of Discovering Blawan-Ijen Geothermal Prospect Area Using Gravity and Magnetic Methods
4.6	ENG05	Ignatius Sriyana	Evaluation of Micro Hydro Existence in Central Java against Condition of Watershed Water System toward Continuity
4.7	ENG05	Hashfi Hawali Abdul Matin, and Hadiyanto Hadiyanto	The Influence of Microbial Consortium and C/N Ratio to Biogas Production from

No	Code	Author	Title
			Rice Husk Waste by Using Solid State Anaerobic Digestion (SS-AD)
4.8	ENG05	Arif Susanto, Edi K. Putro, Purwanto Purwanto	Analysis of Used Lubricating Oil on Industrial Equipment as a Condition of Hazardous Waste Utilization
4.9	ENG05	Ganjar Samudro, Syafrudin, Irawan Wisnu Wardhana, Cagayana, Meishinta Ariyanti, Erika Lucitawati	Effect of Moisture Content on Power Generation in Dual Graphene Anode Compost Solid Phase Microbial Fuel Cells (DGACSMFCs)

No	Code	Author	Title
<i>Parallel Session 5</i>			
5.1	ENG05	AndhinaPutri, Purwanto, HartutiPurnaweni	Evaluation Of Livestock Waste Management To Energy Biogas (Case Study : Jetak Village, Getasan Sub District)
5.2	ENG05	Yuant Tiandho, Rika Favoria Gusa, Irwan Dinata, Wahri Sunanda	Model for Nanofluids Thermal Conductivity Based on Modified Nanoconvective Mechanism
5.3	ENG06	Muhamad Iqbal Januadi Putra, Supriatna, Wikanti Asriningrum	Spatial Modelling of Onshore Oil and Gas Reservoir through Mapping of Hydrocarbon Microseepage Using Remote Sensing in Jambi Merang Block
5.4	ENG06	Fahrudin, Eka Sainyakit, Ahmad Syauqi Hidayatillah, Muhajir	Facies Development of Carbonate Rock and System Tract Influence Based on Fullbore Formation Microimager (FMI) and Well Log Analysis on Carbonate Reservoir Tuban Formation, North East Java Basin
5.5			

Parallel Session 4-6
Wednesday, August 15, 2018

ROOM-2

No	Code	Author	Title
<i>Parallel Session 4</i>			
4.1	ENV01	Ikha Jayanti Mamayu Utami, Tri Retnaningsih Soeprobowati, Denny Nugroho Sugianto	An Overview of Marine Mammals Found Living or Dead in Eastern Indonesia 2016: Implications for Marine Mammal Research and Conservation
4.2	ENV01	Dhita Prasisca Mutiatari, Nana Kariada Tri Martuti, Rudhi Pribadi, Hadiyanto Hadiyanto	C Stock of Top Soil Dispersed and It's Spatial Distribution in Mangrove Community of Genuk, Semarang City
4.3	ENV01	Hana Sugiastu Firdaus, Yudo Prasetyo, and Diyanah	Spatial Correlation Analysis of Land Subsidence and The Groundwater Level Changes in Shallow Aquifers Using Sentinel1-SAR Image and Geographic Information Systems (Case Study: Semarang City – Indonesia)
4.4	ENV01	Kancitra Pharmawati Duhri Hidayatullah	Plumbing System Design With Water Conservation Aspect
4.5	ENV01	Clara Giovani, Astrid Damayanti, Dewi Susiloningtyas	Coastal Typology of Landform in Pelabuhan Ratu Bay, Sukabumi Regency, Jawa Barat Province
4.6	ENV01	Bustam Sulaiman, Azis Nur Bambang, Hartuti Purnaweni	Mangrove Cultivation (<i>Avicennia marina</i>) in the ponds border that bare as an

No	Code	Author	Title
			Effort for Mangrove Forest Rehabilitation in Belopa
4.7	ENV01	Johni A. Barus Maryono Maryono	Estimation of primate populations in Ape Park Forest for Special Purpose of Aek Nauli
4.8	ENV01	Julita Budi Prasetyo, Fuad Muhammad, and Denny Nugroho Sugianto	Review of ecological footprint approach to determine environmental carrying capacity in marine tourism area of Karang Jahe Beach, Rembang Municipal
4.9	ENV01	Meike Erthalia, Supriatna, Astrid Damayanti	Land Cover Change of Post-Tin Mining Conservation Area in Perimping Sub Watershed, Bangka Regency

No	Code	Author	Title
<i>Parallel Session 5</i>			
5.1	ENV01	Fitriyanto Bobby Rachmat, Helmi Muhammad, Hadiyanto Hadiyanto	Analysis of Land Cover Changes to the Runoff Coefficient Value and the Distribution of the Criticality Level of the Catchment Area in Eight Watersheds That Empty Into Jakarta Bay
5.2	ENV01	Ridwan Arif Pambudi, Astrid Damayanti, Kuswantoro Marko	Distribution Pattern of Cave Entrance Based on Morphometry in Gunung Sewu Karst Landscape
5.3	ENV01	Asido Situmorang and Yosef Manik	Life Cycle Assessment of Food Processing Systems in Toba Samosir Regency
5.4	ENV01	Feti FatimatuZZahroh, Sudharto P. Hadi, Hartuti Purnaweni	The Problem And Its Impacts Of Mangrove Rehabilitation In Karangsong
5.5	ENV01	Untari, Edy H.P Melmambessy, DavidOscar Simatupang	Carbon Emissions And Mitigation Actions In Merauke

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ROOM-3

No	Code	Author	Title
<i>Parallel Session 4</i>			
4.1	ENV02	Haqqi Annazili, Mahawan Karuniasa, Muchamad Saparis Soedarjanto	Sustainability Index of Watershed Using Environmental Restoration Approach
4.2	ENV02	Alfan eka suardana	STUDY AMENDMENT OF POST-FIELD CLASSIFICATION OF ILLEGAL GOLD IN KOLAKA REGENCY, SOUTHEAST SULAWESI PROVINCE
4.3	ENV02	Aju Putrijanti	The Role of Government to Build Eco Community
4.4	ENV02	Sri Maharani, Jafron Wassiq Hidayat	Potential Formation of Acid Mine Drainage in Putra Perkasa Abadi Coal Mining Company - Girimulya Site (BIB), Tanah Bumbu Regency, South Kalimantan
4.5	ENV02	Indah Fajarini Sri Wahyuningrum and Mochamad Arief Budihardjo	Relationship between Financial Performance, Characteristic and Environmental Disclosure of ASX Listed Companies
4.6	ENV02	Novie Susanto, Thomas Triadi Putranto , Heru Prastawa	Mapping the Water Usage Behavior of Milkfish Processing Industries in Semarang City
4.7	ENV02	Adil Faisal Alwini,	Spatial Planning Based on

No	Code	Author	Title
		Hayati Sari Hasibuan, Raldi Hendro Koestoer	Carrying Capacity: Study of Sustainable Coastal Area Management
4.8	ENV02	Nabila Dety Novia Utami, Supriatna, and Hayuning Anggrahita	Multi Criteria Analysis of Built-Up Land Suitability in Sleman Regency, Special Region of Yogyakarta Province
4.9	ENV02	Osiana Karita Putri, M H Dewi Susilowati	Spatial Pattern of Tourist Distribution based on Physical and Accessibility Factors in Pacitan Regency, East Java, Indonesia

No	Code	Author	Title
<i>Parallel Session 5</i>			
5.1	ENV02	Nasir Sudirman	Modeling of ecosystem services to effect development of coastal zone in Jakarta Bay
5.2	ENV02	Pavita Raudina Sari, Ratna Saraswati, and Adi Wibowo	Spatial Temporal Analysis of Coral Reefs in Belitung Island Tourism Destination
5.3	ENV02	AchmadahKurniawati and JafronWasiq Hidayat	THE ROLE OF COASTAL COMMUNITIES AS FIRST RESPONDER IN STRANDED MAMMALS IN EAST JAVA
5.4	ENV02	I Gusti Ayu Kusdiah Gemeliarini, Muhammad Helmi	Earthquake Capacity Assessment Based On Geospatial Model At North Lombok, West Nusa Tenggara
5.5	ENV08	Fitriani, Fransin K., Vinsenco A.S., Imelda Laode., Albert M., Edoardus M., Hubertus O., Hesty T.	The Smart City Concept Of Merauke Regency Providing Community Information Consideration to The Local Culture Values.

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ROOM-4

No	Code	Author	Title
<i>Parallel Session 4</i>			
4.1	ENV03	Kiswanto, Heru Susanto, Sudarno	Characterization Of Coal Acid Water In Void Pools Of Coal Mining In South Kalimantan
4.2	ENV03	Anis Taufik Ibrahim, and Eko Kusratmoko	Influence of Spatial Distribution of Rainfall on Total Suspended Solid (TSS) in Ci Lutung River
4.3	ENV03	Sri Lestari1, Sri Juara Santosa andSudarmadji	Cr(VI) and Dye Biosorption in Batik Wastewater using Biosorbent Packed in The Tea Bag
4.4	ENV03	Khawarita Siregar, Khalida Syahputri, Anizar, Rahmi M Sari, Indah Rizkya, Mangara M Tambunan	Effectiveness of Compressor Machine by using Overall Equipment Effectiveness (OEE) Method
4.5	ENV03	Farida Ariani, Khalida Syahputri, Khawarita Siregar, Indah Rizkya, Rahmi M. Sari	IDENTIFICATION OF EXTRUSION MACHINERY DAMAGES USING OVERALL EQUIPMENT EFFECTIVENESS (OEE) METHOD
4.6	ENV03	Irba Djaja, P. Purwanto. dan H. R. Sunoko	THE ANALYSIS OF STRATEGY DEVELOPMENT OF AGRICULTURE PRODUCTION SENTRA

No	Code	Author	Title
			PRODUCTION OF SUSTAINABLE AT FARMING PRODUCTION CENTRE CLUSTER OF MIFEE PROGRAM IN MERAUKE PAPUA
4.7	ENV03	Domas Kurnia, Denny Nugroho	Mangrove Restoration With Hybrid Structur in Trimulyo, Genuk
4.8	ENV03	Sriyanto Sriyanto, Ary Arvianto, and Muhammad Ihsan Hidayat	Design of Groundwater Filtration Technology to Meet the Clean Water Needs of Rural Communities Using Quality Function Deployment
4.9	ENV03	Rame, Nilawati, Silvy Djayanti, Novarina Irraning Handayani, Agus Purwanto, and Ganang Dwi Harjanto	Cell-wall disruption and characterization of phycocyanin from microalgae: <i>Spirulina platensis</i> using Catalytic ozonation

No	Code	Author	Title
<i>Parallel Session 5</i>			
5.1	ENV03	Nurandani Hardyanti, Sudarno Utomo, Junaidi Junaidi, Katrin Serafina, Angelica Oktaviana	Effect of Influent COD/SO42- Ratio, Iron and Manganese Concentration on The Sulfate-Reducing Process in Acid Mine Drainage
5.2	ENV03	Budi Prasetyo Samadikun, Siti Rukayah, Ika Bagus Priyambada, Mochamad Arief Budihardjo, and Sry Trimaningsih Romaito Lumbantobing	Potential Use of Sludge from Water Treatment Plant as Alternate Brick- making Material
5.3	ENV03	Eflita Yohana , Ismoyo Haryanto ,Muhamad Adrian Dwiputra, Yusuf Luqmanul H	Static and Dynamic Analysis Of Vibro Fluidized Bed Dryer Using Finite Element Method
5.4	ENV03	Erni Setyowati, Edward E. Pandelaki, and Edy Supriyo	The Comparison of treated coco-husk composite and its applications in architectural interior
5.5	ENV03	Yus Witdarko, Jayadi, Philipus Betaubun	Relationship Modelling Between Moisture Content Of Flour And Variables Of Two-Cycle Drying Process Of Cassava Flour Using Pneumatic Dryer

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ROOM-5

No	Code	Author	Title
<i>Parallel Session 4</i>			
4.1	ENV05	Iwan Suryadi	Habitat Characteristics with An. barbirostris Larva Density in Bulukumba Regency
4.2	ENV06	Ida Munfarida, Asep Sofyan, and Arya Rezagama	Effect of Organic Particulate Matter on Vegetable Crops and their Control Potentials
4.3	ENV06	Linda Azaria, Adi Wibowo, Iqbal Putut Ash Shidiq and Rokhmatuloh	Carbon Sequestration Capability Analysis Of Urban Green Space Using Geospatial Data
4.4	ENV06	Hadi Pranoto, Rame, Mohamad Sofie, Ary Sulistyono Utomo, Budi Haryo Raharjo, EvFajar Wuryadi	Efficiency Analysis of CBA Full-scale Hospital Waste Water Treatments in Indonesia Using Combined Biological AOP System: Investigation on Operating Conditions, Treatment Efficiency and Energy
4.5	ENV06	Hasrianti Hasrianti, Azis Nur Bambang and Maryono Maryono	A Distribution of pH and Temperatures in Palopo Coastal Water, South Sulawesi
4.6	ENV06	Poerna S. Oetari, Sudharto P. Hadi, and Haryono S. Huboyo	Dispersion Model Of Total Suspended Particulate From Tanjung Jati B Jepra Coal-Fired Power Plant's Chimneys

No	Code	Author	Title
4.7	ENV06	Aymin Almiqrhi, andhady hadiyanto	DETERMINATION OF HEAVY METALS (Pb, Zn, Cd, Cu) OF COASTAL URBAN AREA OF SEMARANG INDONESIA
4.8	ENV06	Sudarsono, Muhammad Andang Novianta, Purnawan	Performance of AVR Microcontroller-SMS Gateway System for Detecting SO ₂ and NO ₂
4.9	ENV06	Wibowo Harry Sugiharto, Aditya Akbar Riadi, Muhammad Imam Ghozali, Suryono Suryono	Real Time Measurement of Carbon Monoxide Pollution Using Rule Based Method

No	Code	Author	Title
<i>Parallel Session 5</i>			
5.1	ENV02	Hartuti Purnaweni (Hartuti Purnaweni, Thao Nguyen, and Ike Soraya)	The Indonesian Policy to Boost Tourism in Wakatobi
5.2	ENV05	Sutimin (Sutimin, Siti Khabibah, and Dita Anies Munawwaroh)	Analysis of optimal harvesting of a prey – predator fishery model with the limited sources of prey species and presence of toxicity
5.3	ENG05	Aurelia Teresa Senduk (Winardi Dwi Nugraha, Syafrudin, Aurelia Teresa Senduk, Hashfi Hawali Abdul Matin, Budiyono)	Optimization of Biogas Production by Solid State Anaerobic Digestion (SS- AD) Method from Water Hyacinth with Response Surface Methodology (RSM)

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ROOM-6

No	Code	Author	Title
<i>Parallel Session 4</i>			
4.1	ENV07	Irawan Wisnu Wardana, Wiharyanto Oktiawan, Ganjar Samudro, Budi Prasetyo Samadikun, Mochamad Arief Budihardjo, Dickie Perdana Mukti, and Ferba Ramadhan Khanza	Evaluation of Waste Transportation System at Gayamsari and East Semarang Subdistrict
4.2	ENV07	Badrus Zaman, Wiharyanto Oktiawan, Mochtar Hadiwidodo, Endro Sutrisno, Purwono	Bio-drying Technology of Solid Waste to Reduce Greenhouse Gas
4.3	ENV07	Nururrahmah Hammado, Budiyo, and Sudarno Utomo	Physicochemical Characteristic of Sago Hampas and Sago Wastewater in Luwu Regency, South Sulawesi
4.4	ENV07	Rachmat Ashari, Emil Budiarto, Herdis Herdiansyah	Minimize the impact of waste pollution in ship repair processes to Improving Shipyard Industrial Infrastructure Sustainability
4.5	ENV07	Indah Rizkya, Khalida Syahputri, Rahmi M	Lean Thinking in Banking Industry: Waste

No	Code	Author	Title
		Sari, Ikhsan Siregar	Identification on Credit Disbursement Process
4.6	ENV07	Yunila Dwi Putri Ariyanti, Mustafid Mustafid, and Oky Dwi Nurhayati	Forecasting and Controlling the Food Supply System in Hospital Using Exponential Smoothing
4.7	ENV07	Mara Huriga Priymasiwi, Mustafid Mustafid2, Suryono Suryono	OPTIMIZATION OF RAW MATERIAL INVENTORY COSTS IN THE FOOD SUPPLY CHAIN USING DIFFERENTIAL EVOLUTION ALGORITHM
4.8	ENV07	Isti Pudjihastuti, Siswo Sumardiono, Heny Kusumayanti	Analog Rice Development as Alternative Food Made of Raw Composite Flour Enriched Protein <i>Canavalia ensiformis</i>
4.9	ENV07	Citra Amalia, Djoko Budiyanto Setyohadi, and Albertus Joko Santoso	Selection Contractors in E-Tendering Procurement Of Goods And Services Bureau Central Kalimantan Using Analysis Network Process

No	Code	Author	Title
<i>Parallel Session 5</i>			
5.1	ENV07	Wiharyanto Oktiawan, Mochatar Hadiwidodo, Ika Bagus Priyambada, Purwono	Fast Decomposition of Food Waste Using Bulking Agent and Bio-drying Technology
5.2	ENV05	Dita Anies Munawwaroh, Sutimin, and Siti Khabibah	Analysis of a Prey-Predator Fishing Model for Harvesting with The Limited effect of Density and Toxicity
5.3	ENV03	Rita Dwi Ratnani, Hadiyanto, Widiyanto	Liquid Smoke Water Hyacinth Pyrolysis: Review Article
5.4	ENV02	Sudharto Prawata Hadi, BulanPrabawani, HartutiPurnaweni and Hadiyanto	Environmental And Social Issues On Energy Policy In Indonesia
5.5	ENV03	Suripin, S., Sri Sangkawati Sachro, Pranoto Samto Atmojo, Sutarto Edhisono, Hary Budienny, Dwi Kurniani	Reducing Stormwater Runoff From Parking Lot With Permeable Pavement

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No	Code	Author	Title
<i>Parallel Session 4</i>			
4.1	INS05	Okfalisa Okfalisa, Novi Yanti, Wahyu Aidil Dita Surya, Amany Akhyar	Implementation of Advanced Encryption Standard (AES) and QR Code Algorithm on Digital Legalization System
4.2	INS05	Rachmat Kasim, Retno Kusumaningrum, and Suryono Suryono	Implementation of Web Service in Processing of Data Base Financing Costumer Using Fragmentation Method
4.3	INS06	Agus Raharjo, Yusuf Saefudin	The influence of technology determinism in forming criminal act of legislation
4.4	INS06	Tan Suryani, Alamsyah, Ardi Amir, Muhammad Bachtiar, Benyamin Bontong	Monitoring System Heartbeat and Body Temperature Using Raspberry Pi
4.5	INS06	Regi Zaky Utama, Tuty Handayani	Suitability Between Ocenography and Seaweed Cultivation Potential (Euclidean cottonii) in Tidung Island with Georaphic Information System (GIS)
4.6	INS06	Reza Azizul Nasa Al Hakim, Sigit Arrohman, Eko Saputra, Iwan Budi	Contact Simulation Comparison of Crosslink Intensity Effect on UHMWPE

No	Code	Author	Title
		Anwar, J Jamari, and Athanasius P. Bayuseno, Mohammad Tauviqirrahman	
4.7	INS06	Manik Mahachandra, Dhialma Yonathan Susilo, Heru Prastawa, Novie Susanto	Perception Analysis of Microsoft Windows OS Users
4.8	INS06	AG Pradnya Sidhawara, DB Setyohadi, LT Dewi, and S Kusrohmaniah	E-learning's Usability Measurement Toward Students with Myopia Visual Impairment
4.9			

No	Code	Author	Title
<i>Parallel Session 5</i>			
5.1	INS06	Wiwik Budiawan, Singgih Saptadi, and Ary Arvianto	The Development of Data Warehouse to Support Data Mining Technique for Traffic Accident Prediction
5.2	INS06	Wiwik Budiawan, Bambang Purwanggono	Clustering Analysis of Traffic Accident in Semarang City
5.3	INS06	Aris Supriyanto, Suryono Suryono, and Jatmiko Endro Suseno	Implementation Data Mining using Decision Tree Method- Algorithm C4.5 for Postpartum Depression Diagnosis
5.4	INS06	Suparti, Alan Prahutama, Rukun Santoso, Alvita Rachmadevi	Spline-Fourier Methods for Modelling Inflation in Indonesia
5.5	INS06	Alan Prahutama, Budi Warsito, Moch.Abdul Mukid	Modelling Infant and Maternal Mortality Rate based of percentage of slum household uses Bivariate Spline Regression Method

No	Code	Author	Title
<i>Parallel Session 6</i>			
6.1	INS06	Gilar Pandu Annanto, Eko Saputra, J Jamari, and Athanasius Priharyoto Bayuseno	Numerical Analysis On Artificial Hip Joint Due To Jump Activity
6.2	INS06	Hasbi Yasin, Budi Warsito, Dwi Ispriyanti, Arief Rachman Hakim ⁴	Geographically Weighted Panel Regression of Air Polluter Standard Index (APSI)
6.3	INS05	Hasbi Yasin, Budi Warsito, Rukun Santoso, and Suparti	Soft Computation Vector Autoregressive Neural Network (VAR-NN) GUI-Based
6.4	INS06	Yenni Pintauli Pasaribu, Hariani Fitrianti, Dessy Rizki Suryani	Rainfall Forecast of Merauke Using Autoregressive Moving Average Model

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Wednesday, August 15, 2018

ROOM-8

No	Code	Author	Title
<i>Parallel Session 4</i>			
4.1	LCSD01	Arinal Fashli, Herdis Herdiansyah	Green Banking and Infrastructure Project Financing for Sustainable Development
4.2	LCSD01	Darminto Pujotomo, Erpita Rahcman	IMPLEMENTATION OF GREEN PROCUREMENT IN SUPPLIER SELECTION OF PT KUBOTA INDONESIA WITH FUZZY ANALYTICAL NETWORK PROCESS APPROACH (FANP)
4.3	LCSD01	Anik Sarminingsih	Effects of Climate and Land Use Changes on Water Availability in the Dengkeng River
4.4	LCSD02	Riesti Triyanti and IndahSusilowati	Characteristics and Economic Value of Tourism Services in Coastal Area of Gunungkidul Regency
4.5	LCSD02	Ninik Puji Astuti, Indah Susilowati, Maryono Maryono	Vehicle Emission Tax: An Opportunity to Control Air Pollution
4.6	LCSD02	Nurul Elmi Faid, Bambang Azis Nur, Maryono	Analysis of the Potential Contribution of Forestry Sub-Sector In Economic and Development in

No	Code	Author	Title
			Daerah Istimewa Yogyakarta Province
4.7	LCSD02	Anis Chariri, Indira Januarti, and Etna Nur Afri Yuyetta	AUDIT COMMITTEE CHARACTERISTICS AND CARBON EMISSION DISCLOSURE
4.8	LCSD02	Pertiwi Andarani, AryaRezagama, and SariffuddinSariffuddi n	Sustainable Ecotourism Development based on Participatory Rural Appraisal: A Case Study of Thekelan Village, Central Java, Indonesia
4.9	LCSD02	Isna Rahmawati, and Iwan Rudiarto	Vulnerability of Farming Community Toward Land Degradation in Tieng Village

No	Code	Author	Title
<i>Parallel Session 5</i>			
5.1	LCSD02	Hadi Sasana, Retno Sugiharti	The Impact Of Foreign Direct Investment To The Quality Of The Environment In Indonesia
5.2	LCSD02	Etik Purnamasari, Sudarno Sudarno, and Hadiyanto Hadiyanto	Analysis Of Greenhouse Gas Reduction By Using Organic Fertilizer In Boyolali Regency
5.3	LCSD02	Masitoh Ernawati, Kismartini Kismartini, and Maryono Maryono	The Study Of Slums In Jatibarang, Semarang
5.4	LCSD02	Lutfiyatul Wahdah and Maryono Maryono	Urban Farming Management System In Semarang City
5.5	LCSD03	Hadi Sasana, Jalu Aji Prakoso	The Impact Of Globalization Against Environmental Conditions In Indonesia

No	Code	Author	Title
<i>Parallel Session 6</i>			
6.1	LCSD06	Donna Asteria, Alin Halimatussadiyah, Budidarmono, Riza Harmain	Relation of Social Capital to Women's Proactive Participation in the Community for Sustainability of River in Urban Areas
6.2	LCSD01	Ratna Purwaningsih, Heru Prastawa, and Anggita Haedy Puspitasari	Usability measurement of Telecommunications Testing Website PT. Telkom Indonesia Using User Centered Design
6.3	ENV01	Suseno Darsono, Suripin, S., Hary Budienny, Risdiana Cholifatul Afifah, Ratih Pujiastuti, Fhanda Soripada, Marshall Indradifa T. P Hutagalung, Laksono Adi Pamungkas, Ganang Wahyu Saputra	Benefits Of Embungs In The Rawa Pening Catchment Area For Reducing Tuntang River Flood Discharge
6.4	ENV02	Rina Kurniati (Leoni Dwi Agitha, Rina Kurniati)	Realizing Kampung Pelangi as a Sustainable Village City Using Asian New Urbanism: Ideological Approach

Poster Session 1-2
Tuesday, August 14, 2018

Time	Program	Venue
13.00 - 13.30	Poster Session 1	Room 1 s/d Room 8
16.00 - 16.30	Poster Session 2	Room 1 s/d Room 8

Poster Session 3-4
Wednesday, August 15, 2018

Time	Program	Venue
13.00 - 13.30	Poster Session 3	Room 1 s/d Room 8
16.00 - 16.30	Poster Session 4	Room 1 s/d Room 8