

PARALLEL SESSION SCHEDULE

DAY	TIME SLOT	ROOM A	ROOM B	ROOM C	ROOM D	ROOM E	
FIRST DAY - 19 SEPTEMBER 2017 (TUESDAY)	13:00 - 13:15	Performance Analysis of Network Emulator Based On The Use of Resources In Virtual Laboratory (Yuri Ariyanto)	EEG Based Emotion Monitoring Using Wavelet and Learning Vector Quantization (Esmeralda Contessa Djamal)	Precise Wide Baseline Stereo Image Matching for Compact Digital Cameras (Martinus Edwin Tjahjadi)	Performance Measurement Based on Coloured Petri Net Simulation of Scalable Business Processes (Abd. Charis Fauzan)	High Efficiency Single Phase Inverter Design (Didi Istardi)	
	13:15 - 13:30	Teaching & Learning Support For COA Courses Design On CE & CS For Undergraduate (Wijaya Kurniawan)	Myoelectric control systems for hand rehabilitation device: a review (Khairul Anam)	Robust and Imperceptible Image Watermarking by DC Coefficients Using Singular Value Decomposition (Eko Rachmawanto)	The design a system of retention and control on broiler farms based on the flow of data (Ahmad Sanmorino)	Compressed Natural Gas (CNG) Technology For Fuel Power Plants (Isworu Pujotomo)	
	13:30 - 13:45	WatsaQ: Repository of AI Hadith in Bahasa (Case Study: Hadith Bukhari) (Rizal Broer Bahaweres)	Variance Analysis of Photoplethysmography for Blood Pressure Measurement (Hendrana Tjahjadi)	Region of Interest Detection for Pregnancy Image Processing (Moh Khairudin)	Empirical Investigation on Factors Related to Individual of Impact Performance Information System (Tri Lathif Mardi Suryanto)	Analysis of Electric Circuit Model on Atmospheric Pressure Dielectric Barrier Discharge (DBD) Plasma (Suyadi)	
	13:45 - 14:00	IoT Smart Device for e-Learning Content Sharing on Hybrid Cloud Environment (Mohd. Yazid Idris)	Implementation of Unbiased Stereology Method for Organ Volume Estimation using Image Processing (Balza Achmad)	Shape Defect Detection for Product Quality Inspection and Monitoring System (Norhashimah Mohd Saad)	Comparative Study of Web3D Standard Format to Determine the Base Format for A Web3D Framework (Mursid W Hananto)	PID Designs Using DE and PSO Algorithms for Damping Oscillations in A DC Motor Speed (Widiyanto Widiyanto)	
	14:00 - 14:15	Target Tracking in Mobile Robot under Uncertain Environment using Fuzzy Logic Controller (Ade Handayani, ASH)	Ethnobotany Database: Information Management and Exploration of Medicinal Plants Borneo (Haeruddin)	Toward a New Approach in Fruit Recognition using Hybrid RGBD Features and Fruit Hierarchy Property (Ema Rachmawati)	Task-Technology Fit for Textile Cyberpreneur's Intention to Adopt Cloud-Based M-Retail Application (Nik Zulkarnaen Khidzir)	Measurement of Partial Discharge Induced Electromagnetic Wave using Loop Antenna (Umar Khayam)	
	14:15 - 14:30	Nitrogen (N) Fertilizer Measuring Instrument On Maize-Based Plant Microcontroller (Hendra Riskiawan)	Automated Post-Trabeculectomy Bleb Assesment by Using Image Processing (Agwin Fahmi Fahanani)	Mobile Content Based Image Retrieval Architectures (Arif Rahman)	Makassar Smart City Operation Centre Priority Optimization Using Fuzzy MCDM (Fachrul Kurniawan)	The Effect of Coating on Leakage Current Characteristic of Coast Field Aged Ceramic Insulator (Dini Fauziah)	
	14:30 - 14:45	Reconfigurable Logic Embedded Architecture of Support Vector Machine Linear Kernel (Jeevan Sirkunan)	Non-invasive Hemoglobin Measurement for Anemia Diagnosis (Raditya Artha Rochmanto)	Computer Vision Based Object Tracking as a Teaching Aid for High School Physics Experiments (Gayan Illeperuma)	Ontology-Based Sentence Extraction for Answering Why-Question (A. A. I. N. Eka Karyawati)	Renewable Energy Inclusion on Economic Power Optimization using Thunderstorm Algorithm (AN Afandi)	
	14:45 - 15:00	An Analysis of Concentration Region on Powerpoint Slides using Eye Tracking (Fergyanto E Gunawan)	Poincaré plot of fingertip photoplethysmogram pulse amplitude suitable to assess diabetes status (Bagus Haryadi)	Texture Analysis and Fracture Identification of Lower Extremities Bones X-Ray Images (Rahayu Suci Prihatini)	The Ontology-Based Methodology Phases To Develop Multi-Agent System (OmMAS) (Arda Yunianta)	Optimum Phase Number for Multiphase PWM Inverters (Anwar Muqorobin)	
	15:00 - 15:30	COFFEE BREAK					
	15:30 - 15:45	Implementation of K-Means Clustering Method to Distribution of High School Teachers (Triyanna Widiyaningtyas, MT)	Certain Factor Analysis for Extra Pulmonary Tuberculosis Diagnosis (Ramadiani)	Analysis of the Indonesian Vowel /e/ For Lip Synchronization Animation (Anung Rachman)	Scalability Measurement of Business Process Model Using Business Processes Similarity and Complexity (Muhammad Ainul Yaqin)	Small-Disturbance Angle Stability Enhancement using Intelligent Redox Flow Batteries (Dwi Lastomo)	
	15:45 - 16:00	Incremental High Throughput Network Traffic Classifier (Muhammad Nadzir Marsono)	The Improvement of Phonocardiograph Signal (PCG) Representation Through the Electronic Stethoscope (Dyah Agustika)	Anti-Cheating Presence System Based on 3WPCA-Dual Vision Face Recognition (Edy Winarno)	Smartphone for Next Generation Attendance System and Human Resources Payroll System (Fergyanto E Gunawan)	Evaluation Study of Waste Materials for Renewable Energy through 3R Model in Bogor City (Didik Notosudjono)	
	16:00 - 16:15	Edge Detection on Objects of Medical Image with Enhancement multiple Morphological Gradient Method (Jufriadif Na'am)	Neural Network on Mortality Prediction for the Patient Admitted with ADHD (Mohamad Haider Abu Yazid)	Sketch Plus Colorization Deep Convolutional Neural Networks for Photos Generation from Sketches (Vinnia Kemala Putri)	Enhancing Online Business Marketing to Expand Market Shares through IT Governance (Sandy Kosasi)	Measurement of Partial Discharge inside Metal Enclosed Power Apparatus using Internal Sensor (Umar Khayam)	
	16:15 - 16:30	Unified Concept-based Multimedia Information Retrieval Technique (Ridwan Kambau)	Measurement Of Maximum Value Of Dental Radiograph To Predict The Bone Mineral Density (Sri Lestari)	Imperceptible Image Watermarking based on Chinese Remainder Theorem over the Edges (Prajanto Wahyu Adi)	A Generic Framework for Information Security Policy Development (Setyawan Widyarto)	Design Unmanned Aerial Vehicle Integrated Camera Near Infra-Red to Observe the Plant Health (Rizki Wahyu Pratama)	
	16:30 - 16:45	Text Modeling In Adaptive Educational Chat Room Based On Madamira Tool (Jehad Hammad)	Feature Extraction and Classification of Thorax X-Ray Image in The Assessment of Osteoporosis (Riandini)	Wood Texture Detection with Conjugate Gradient Neural Network Algorithm (Gilang Budaya)	Modeling IT Value based on Meta-Analysis (Novianto Budi Kurniawan)	Single Frame Resection of Compact Digital Cameras for UAV Imagery (Martinus Edwin Tjahjadi)	
	16:45 - 17:00	Analysis of Statement Branch and Loop Coverage in Software Testing With Genetic Algorithm (Rizal Broer Bahaweres)	2D-Sigmoid Enhancement Prior to Segment MRI Glioma Tumour (Widya Kumala Sari)	Spoken Word Recognition Using Mel-Frequency Cepstrum Coefficients and Learning Vector Quantization (Esmeralda Contessa Djamal)	A Combination of The Evolutionary Tree Miner and Simulated Annealing (Afina Nurlaili)	A Moving Objects Detection in Underwater Video Using Subtraction of the Background Model (Nurul Hudayani)	
	17:00 - 17:15	Combining Deep Belief Networks and Bidirectional Long Short Term Memory (Case Study: Sleep Stages Classification) (Intan Yulita)	Alerting System for Sport Activity Based on ECG Signals using Proportional Integral Derivative (Vika Octaviani)	A Hierarchical Description-based Video Monitoring System for Elderly (Mochamad Irwan Nari)	Scalable Attack Analysis of Business Process based on Decision Mining Classification (Dewi Rahmawati)	Fall Detection Based on Accelerometer and Gyroscope using Back Propagation (Adlian Jefiza)	
17:15 - 17:30	Improvement of eGov & mGov in Multilingual Countries with Digital Etymology using Sanskrit Grammar (Arijit Das)	Design of Automatic Switching Bio-Impedance Analysis (BIA) for Body Fat Measurement (Munawar Riyadi)		Service Computing System Engineering Life Cycle (Novianto Budi Kurniawan)	Honey Yield Prediction Using Tsukamoto Fuzzy Inference System (Tri Hastono)		

DAY	TIME SLOT	ROOM A	ROOM B	ROOM C	ROOM D	
SECOND DAY - 20 SEPTEMBER 2017 (WEDNESDAY)	8:00 - 8:15	Determining The Nutrition of Patient Based on Food Packaging Product Using Fuzzy C Means Algorithm (Sri Winiarti)	A Reactive path planning approach for a Four-Wheel Robot by the Decomposition Coordination Method (Hala El Ouarrak)	Performance of Routing Protocol in MANET with Combined Scalable Video Coding (Parma Rantelinggi)	Conceptual Framework for Public Policymaking based on System Dynamics and Big Data (Feldiansyah Nasution)	
	8:15 - 8:30	The successful elements implementing the eLearning using Cloud Services Data Centre (Setyawan Widarto)	Adaptive-Fuzzy-PID Controller Based Disturbance Observer for DC Motor Speed Control (Zulfatman Has)	Attack Scenarios and Security Analysis of MQTT Communication Protocol in IoT System (Syaiful Andy)	Discovering Process Model from Event Logs by Considering Overlapping Rules (Yutika Amelia Effendi)	
	8:30 - 8:45	Improving E-Book Learning Experience by Learning Recommendation (Fergyanto E Gunawan)	Extra Robotic Thumb and Exoskeleton Robotic Fingers for Patient with Hand Function Disability (Mochammad Ariyanto)	Encoding Of Passive Surface Acoustic Wave Based Anti-Collision Radio Frequency Identification Tags (Gysberth Wattimena)	CHMM for Discovering Intentional Process Model From Event Logs By Considering Sequence of Activities (Kelly Sungkono)	
	8:45 - 9:00	A Comparison on Cloud Execution Mechanisms: Fog, Edge and Cloud Computing (Tina Francis)	Parameterized Kick Engine For R-SCUAD Robot (Nuryono Widodo)	Compact Fractal Patch Microstrip Antenna Fed by Coplanar Waveguide for Long Term Evolution Communications (Syah Alam)	Socio-Technical Factors of E-Government Implementation (Darmawan Napitupulu)	
	9:00 - 9:15	Recommendation System on Knowledge Management System via OAI-PMH (Nyoman Karma)	Neural Network Controller Design for a Mobile Robot Navigation; a Case Study (Tresna Dewi)	Graphical Approach for RF Amplifier Specification in Radio over Fiber System: Maximum Power Issues (Teguh Prakoso)	Methodology for Constructing Form Ontology (Ung Ungkawa)	
	9:15 - 9:30	Development and Evaluation of Android Based Notification System to Determine Patient's Medicine (Imam Riadi)	Redirection Concept of Autonomous Mobile Robot HY-SRF05 Sensor to Reduce The Number of Sensors (Nuryanto)	FEM Modeling of Squeeze Film Damping Effect in RF-MEMS Switches (Syed Turab Haider)	Integration Protocol Student Academic Information to Campus RFID Gate Pass System (Evizal Abdul Kadir)	
	9:30 - 9:45	Implementation of Decision Expert (DEX) in The "SALADGARDEN" Application (Anita Hidayati)	Autonomous navigation for an Unmanned Aerial Vehicle by the Decomposition Coordination Method (Hala El Ouarrak)	The Onion Routing Performance using Shadow-plugin-TOR (Banu Yohanes)	E-learning Model for Equivalency Education Program in Indonesia (Sferianto Sferianto)	
	9:45 - 10:00	Optimizing Effort and Time Parameters of COCOMO II Estimation using Fuzzy Multi-Objective PSO (Kholed Langsari)	Design of PID Disturbance Observer for Temperature Control on Room Heating System (Yoga Utama)	Position Tracking for Static Target using Burst Signals with Time Difference of Arrival Method (Alia Shalihha Amany)	Developing E-Government Maturity Framework Based On COBIT 5 (Fikri Akbarsyah Anza, FAA)	
	10:00 - 10:15	COFFEE BREAK				
	10:15 - 10:30	Evaluation Of Knowledge Management System Using Technology Acceptance Model (Astari Retnowardhani)	Development of Low Cost Supernumerary Robotic Fingers as an Assistive Device (Mochammad Ariyanto)	Performance Analysis for MIMO LTE on the High Altitude Platform Station (Catur Budi Waluyo)	Analysis of Driving Skills based on Deep Learning using Stacked Autoencoders (Takuya Kagawa)	
	10:30 - 10:45	Deep learning on curriculum study pattern by selective cross join in advising students' study path (Tekad Matulatan)	Design of A Microchip Optical Switching Driven by Low Direct-Current Voltage (Dedi Irawan)	SDR Design for OFDM Based Spectrum Exchange Information Using Arduino UNO and X-Bee (Arief Marwanto)	Minimizing the Estimated Solution Cost with A* Search to Support Minimal Mapping Repair (Inne Gartina Husein)	
	10:45 - 11:00	Revealing Daily Human Activity Pattern using Process Mining Approach (Muhammad Rifqi Maarif)	Wireless Sensor System for Prediction of Carbon Monoxide Concentration using Fuzzy Time Series (Suryono Suryono)	Performance Rate for Implementation of Mobile Learning in Network (Faza Alameka)	The rule Extraction of Numerical Association Rule Mining Using Hybrid Evolutionary Algorithm (Imam Tahyudin)	
	11:00 - 11:15	Problem Identification Of IT Governance Using COBIT 5 Framework For Education Information System (Gabriella Sabatini)	Detecting the Early Drop of Attention using EEG Signal (Fergyanto E Gunawan)	Performance Evaluation of IPv6 Jumbogram Packets Transmission using Jumbo Frames (Supriyanto Praptodiyono)	Discovering Drugs Combination Pattern Using FP-Growth Algorithm (Rini Anggrainingsih)	
	11:15 - 11:30	Forecasts Marine Weather On Java Sea Using Hybrid Methods: TS-ANFIS (Deasy Adyanti)	The Design of A Smart Refrigerator Prototype (Seyed Ebrahim Esmaeili)	Performance Analysis of CSI:T Routing in a Delay Tolerant Networks (Hardika Putri)	Classifiers Evaluation: Comparison of Performance Classifiers Based on Tuples Amount (Mochammad Yusa)	
	11:30 - 11:45	Opinion Detection of Public Sector Financial Statements Using K-Nearest Neighbors (Ahmad Dwi Arianto)	Odor Localization using Gas Sensor for Mobile Robot (Ade Handayani)	A Study of the Number of Wavelengths Impact in the Optical Burst Switching Core Node (Arief Marwanto)	Prediction of Rupiah Against US Dollar by Using ARIMA (Adiba Qonita)	
11:45 - 12:00	Encryption System based on a Structured Matrix: Vandermonde Matrix (Adda Ali Pacha)	A Project-Based Approach to FPGA-Aided Teaching of Digital Systems (Fajar Suryawan)	A Reconfigurable MIMO Antenna System for Wireless Communications (Evizal Abdul Kadir)	Cooperative Learning Jigsaw Model using Clustering Algorithm Partitioning Around Medoids (PAM) (Imam MIS)		
12:00 - 12:15	Designing Multi-Channel Service Desk Based on ITIL Version 3 (Ahmad Sahrizal)					