

PARALLEL SESSION SCHEDULE

International Conference of Artificial Intelligence and Information Technology (ICAIT) 2019

Wednesday, 13 March 2019		ROOM 1 Conference Chair	ROOM 2 Conference Chair	ROOM 3 Conference Chair	ROOM 4 Conference Chair				
13.00 - 15.00	Parallel Session 1	1	Design of Manufacture Professional Training and Assessment Information System in The Implementation of PBET (Production Based Education and Training) Learning Activity Model	8	The Priority of Tourism Destinations Development using 6AsTD Framework and TOPSIS	15	IoT-Based Smart and Healthy Wardrobe System		
		2	HERO: Maximizing Student Potential to Mobilize Community Empowerment Activities Around Campus	9	Improve Smart Waste Management to Preserve Tourist Attractions Yogyakarta in IoT Environment	16	Smart Kost: Ubiquitous Boarding House Controlling and Monitoring System in Industry 4.0		
		3	Predicting Candidates For Fit And Proper Test Using K-Nearest Neighbor	10	Review of Benefit Using Gamification Element for Countryside Tourism	17	IoT Based: Improving Control System For High-Quality Beef in Supermarkets		
		4	Adapted Flower Pollination Algorithm for Lecturer-Class Assignment	11	Social Media Prototyping for Web-based Property Business	18	IOT: Improved Home Energy Control System Based on Consumer Behavior		
		5	Predictive Analytics for Predicting Customer Behavior	12	Systematic Literature Review of Profiling Analysis Based on Social Media	19	IoT Based: Hydroponic Using Drip Non-Circulation System for Paprika		
		6	Fluid Simulation Based on Material Point Method with Neural Network	13	Harmonics Reduction for Four-Leg Distribution Network-Connected Single Phase Transformerless PV Inverter System Using Diagonal Recurrent Neural Network	20	Smart hydroponic farming with IoT-based climate and nutrient manipulation system		
		7	Decision Support Systems to Determining Programme for Students Using DBSCAN And Naive Bayes	14	Automated Test Suite for Regression Testing Based On Serenity Framework: A Case Study	21	Internet of Things: Roboboat for Water Area Monitoring using 4G network and Google Firebase		
15.00 - 15.30	Cofee Break								
Wednesday, 13 March 2019		ROOM 1 Conference Chair	ROOM 2 Conference Chair	ROOM 3 Conference Chair	ROOM 4 Conference Chair				
15.30 - 17.00	Parallel Session 2	22	Big Data Analytics: Estimation of Destination for Users of Bus Rapid Transit (BRT) Public Transportation in Jakarta	28	Complexity Reduction for Multiview HEVC Codec Using FPGA	34	Automated Segmentation of Breast Tissue and Pectoral Muscle in Digital Mammography	40	Determining The Threshold Value for Identification of The Goblet Cells in Chicken Small Intestine
		23	Deep Learning-Based Patient Visits Forecasting Using Long Short Term Memory	29	Semi-Supervised Image-to-Image Translation	35	Pneumonia Detection with Deep Convolutional Architecture	41	Implementation of Depth-HOG based Human Upper Body Detection On A Mini PC Using A Low Cost Stereo Camera
		24	Customizable Dynamic Hand Gesture recognition System for Motor Impaired people using Siamese neural network	30	Face Detection using Haar Cascades to Filter Selfie Face Image on Instagram	36	Classification of Premature Ventricular Contraction based on ECG Signal using Multiorder Rényi Entropy	42	Determining Banana Types and Ripeness from Image using Machine Learning Methods
		25	Use of ARIMA Method To Predict The Number of Train Passenger In Malang City	31	A classification approach of emotional reactions while driving a vehicle	37	EEG-based Mental Fatigue Detection Using Cognitive Tests and RVM Classification	43	A Study on Part Affinity Fields Implementation for Human Pose Estimation with Deep Neural Network
		26	A Neural Network based Approach for Predicting Indonesian Teacher Engagement Index (ITEI)	32	Image Based Leaf Area Measurement Method Using Artificial Neural Network	38	Extraction of Skull and Face Surfaces from CT Images	44	Contrast-enhanced Based on Abdominal Kernels for CT Image Noise Reduction
		27	Study on a Train- and Bus-based Delay-Tolerant Networks: Scheduled Mobility and Impact on Routing	33	Detection of Anomalies in Citrus Leaves Using Digital Image Processing and T2 Hotelling Multivariate Control Chart	39	Heart Rate Estimation from Wrist-Type Photoplethysmographic Signals Corrupted by Intense Motion Artifacts using NLMS Adaptive Filter and Spectral Peak Tracking	45	Clutter Mitigation Technique on OFDM MIMO Radar

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10.30 - 11.30	Parallel Session 3	46	The Effect of Game Experience from Counter-Strike: Global Offensive	50	Audio Signal Transmission over Vehicular Channel with Moving Scatterer	54	Incorporating Information Technology Concept to Sustainable Enterprise	58	Thermal Optimization on Incubator using Fuzzy Inference System based IoT
		47	The Repercussions of Game Multiplayer Online Battle Arena	51	A Simple RBAC And SSO Architecture for ISONER Framework	55	Improved Ranking Based Collaborative Filtering Using SVD and Borda Algorithm	59	NDNization of IP Network Based On Communication Flow Model
		48	Gamification of Mobile-based Japanese Language Shadowing	52	Simple Implementation of Fuzzy Controller for Low Cost Microcontroller	56	Automatic Lecture Video Content Summarization with Attention-based Recurrent Neural Network	60	Reinforcement Point and Fuzzy Input Design of Fuzzy Q-Learning for Mobile Robot Navigation System
		49	The Influence of User Experience Playerunknown's Battlegrounds Game Toward Adaptive Learning	53	Machine Learning for Data Processing in Vessel Telemetry System: Initial Study	57	Traffic Sign Image Recognition Using Gabor Wavelet and Principle Component Analysis	61	Trajectory Tracking Automated Guided Vehicle using Fuzzy Controller
11.30 - 12.30	Lunch								
Thursday, 14 March 2019		ROOM 1	ROOM 2	ROOM 3	ROOM 4				
		Conference Chair	Conference Chair	Conference Chair	Conference Chair				
12.30 - 15.00	Parallel Session 4	62	Indonesian Sign Language (BISINDO) Translation System with ORB for Bilingual Language	69	Audio Steganography Using Lifting Wavelet Transform and Dynamic Key	76	Determining the Neural Network Topology from the Viewpoint of Kuhn's Philosophy and Popper's Philosophy	83	A Study of Text Classification for Indonesian News Article
		63	A Preliminary Performance Evaluation of Population-Based Algorithms in VANET	70	Visual Servoing using Mixed Sensitivity H ∞ Control for Yaw-Pitch Camera Platform	77	MREAK: Morphological Retina Keypoint Descriptor	84	A Comparison of the Use of Several Different Resources on Lexicon Based Indonesian Sentiment Analysis on App Review Dataset
		64	Rough-Regression for Categorical Data Prediction based on Case Study	71	Real-time Moving Object Video Tracking using Support Vector Machines for Visual Servo Application	78	The Influence of Sampling Frequency on Guitar Chord Recognition using DST Based Segment Averaging	85	Sentiment Analysis In Twitter Using Lexicon Based and Polarity Multiplication
		65	FHC-Optimization Model for Deciding the Objective Hajj Pilgrims to Restricted Quota (Case Study: Hajj Pilgrimage Procedure in Indonesia)	72	Face Recognition of Low-Resolution Video Using Gabor Filter & Adaptive Histogram Equalization	79	Forming Formation of Particle Swarm using Artificial Neural Network Self Organizing Map (ANN-SOM) with 2-leveled Strategy	86	Word Embedding Comparison for Indonesian Language Sentiment Analysis
		66	Improved Particle Swarm Optimization By Fast Simulated Annealing Algorithm	73	Digital Overcurrent Relay Implementation With Non-Standard Inverse Curve Modelling Using Adaptive Neuro Fuzzy Inference System	80	Modified Ant Colony Algorithm For Swarm Multi Agent Exploration on Target Searching in Unknown Environment	87	Offensive Language Detection using Artificial Neural Network
		67	Backpropagation Implementation To Classify Dysgraphia In Children	74	Dynamic Background Video Forgery Detection using Gaussian Mixture Model	81	Parameter Identifiability of Phased-MIMO Radar	88	A Review of Sentiment Analysis for Non-English Language
		68	A comparative study on variational autoencoders and generative adversarial network	75	Comparison Of Distance Methods In K-Means Algorithm For Determining Village Status In Bekasi District	82	Switching Formation and Topology in Cooperative Multi-Agent Source Seeking Using Gradient Estimation	89	Information Retrieval System for Searching JSON Files with Vector Space Model Method
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15.00 - 15.30	Cofee Break								
15.30 - 16.30	Parallel Session 5	90	Design and Development Meeting Schedule Management Application using the RAD Method	92	Fuzzy Coordinator based AI for Dynamic Difficulty Adjustment in Starcraft 2	94	Comparison Road Safety Education with and without IoT to Develop Perceptual Motor Skills in Early Childhood Children Aged 4-5	96	Melanoma Classification Using Texture and Wavelet Analysis
		91	Designing IT-based Skills and Competency Learning System	93	The Classification of the Movie Genre's based on Synopsis of the Indonesian Film	95	An Efficient Resource Allocation Mechanism for Time-Sensitive Data in Dew Computing	97	Proportional-Derivative Control for Quadrotor Stabilization under Inertia Perturbation