

**Session 1 - Track: Biomedical Signal and Image Processing – Monday, 26 November  
2018, 15.15 - 17.15, Java Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title And Authors</b>
15.15 – 15.30	1570497587	<b>Semi Automatic Method for Basal Ganglia and White Matter Lesion Segmentation in MRI of Cronic Stroke Patients</b> <i>Andi Nugroho and I Ketut Eddy Purnama; Mauridhi Hery Purnomo ; Terawan Putranto</i>
15.30 – 15.45	1570486441	<b>Visualization of Epilepsy Patient's Brain Condition based on Spectral Analysis of EEG Signals using Topographic Mapping</b> <i>Diah Wulandari and Thalia Elyantono; Yoyon Suprpto and Santi Wulan Purnami; Anda Juniani ; Wardah Islamiyah</i>
15.45 – 16.00	1570490250	<b>Channel Selection of EEG Emotion Recognition using Stepwise Discriminant Analysis</b> <i>Evi Pane; Adhi D Wibawa ; Mauridhi Hery Purnomo</i>
16.00 – 16.15	1570489729	<b>Comparison of Tuberculosis Bacteria Classification from Digital Image of Sputum Smears</b> <i>Lalitya Nindita Sahenda and I Ketut Eddy Purnama ;Mauridhi Hery Purnomo ; Dewa Gede Hari Wisana</i>
16.15 – 16.30	1570493680	<b>Analysis on Human Heart Signal during Sad Video Stimuli using Heart Rate Variability Triangular Index (HRVi)</b> <i>Lantana Dioren Rumpa ; Adhi D Wibawa ; Muhammad Attamimi ; Petrus Sampelawang and Srivan Paelleng; Mauridhi Hery Purnomo</i>
16.30 – 16.45	1570492334	<b>Classification of EEG Signal for Detecting Cybersickness through Time Domain Feature Extraction using Naïve Bayes</b> <i>Mochammad Asyroful Mawalid; Alfi Khoirunnisaa; Adhi D Wibawa ; Mauridhi Hery Purnomo</i>
16.45 – 17.00	1570486752	<b>Fingerprint Segmentation using Local Texture Information</b> <i>Dung Bui; Binh Nguyen ; Hieu Vu Tran; Viet Dung Nguyen</i>
17.00 – 17.15	1570497923	<b>State of the Art in Offline Handwritten Signature Verification System</b> <i>Harris Laga; Adhi Dharma Wibawa</i>

**Session 1 - Track: Computer and Communication Networks - Monday, 26 November  
2018, 15.15 - 17.15, Flores Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
15.15 – 15.30	1570486884	<b>Enhancing Channel Reciprocity of Secret Key Generation Scheme by Using Modified Polynomial Regression Method</b> <i>Mike Yuliana; Iwan Wirawan and Suwadi Suwadi</i>
15.30 – 15.45	1570486843	<b>An Implementation of Secure Monitoring System to Track Member in a Tour Group Using Group Signature</b> <i>Amang Sudarsono; Mike Yuliana ; Prima Kristalina</i>
15.45 – 16.00	1570486613	<b>Audio Data Hiding Using Octal Modulus Function Based Unsigned Integer Samples Values</b> <i>Mohammed Hatem Al-Hooti; Tohari Ahmad ; Supeno Djanali</i>

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
16.00 – 16.15	1570490219	<b>Energy Monitoring and Sensor Devices Management for the Internet of Things (IoT) Based Smart Home</b> <i>I Komang Agus Ady Aryanto; Gede Suweken, Gede Indrawan and Kadek Yota Ernanda Aryanto</i>
16.15 – 16.30	1570487805	<b>IoT Platform Review and Software Development for Air Quality Monitoring (AQM) Systems</b> <i>Ha Duyen Trung and Tuan Do Trong ; Nguyen Huu Trung</i>
16.30 – 16.45	1570487082	<b>Software In The Loop-Based Autonomous Guidance and Navigation Algorithms for Networked UAVs</b> <i>Tuan Do Trong ; Binh Thai; Ha Duyen Trung</i>
16.45 – 17.00	1570487017	<b>The Analysis and Evaluation of Performance of Dynamic Routing Protocols</b> <i>Lalin Heng</i>
17.00 – 17.15	1570487241	<b>An Effective Hybrid Time Synchronization Approach for Time Based Wireless Indoor Localization</b> <i>Yuzana Hlaing</i>

**Session 1 - Track: Soft Computing - Monday, 26 November 2018, 15.15 - 17.15, Banda Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
15.15 – 15.30	1570490255	<b>Performance Comparison of Biometric System with and without EVCS: Study Case for Palmprint Authentication System</b> <i>Rosmawati Dwi ;Lukas Lukas</i>
15.30 – 15.45	1570489942	<b>An Improved Secret Message Capacity Using Modulus Function Based Color Image Data Hiding</b> <i>Mohammed Hatem Al-Hooti ; Supeno Djanali; Tohari Ahmad</i>
15.45 – 16.00	1570487145	<b>Utilization of Hexadecimal Numbers In Optimization of Balinese Transliteration String Replacement Method</b> <i>Arik Aranta and IGede Aris Gunadi ; Gede Indrawan</i>
16.00 – 16.15	1570490318	<b>On The Comparison: Random Forest, SMOTE-Bagging, and Bernoulli Mixture to Classify Bidikmisi Dataset in East Java</b> <i>Wahyuni Suryaningtyas ; Nur Iriawan, Kartika Fithriasari, Brodjol Ulama, Sinta S. Pangastuti, Nita Cahyani and Laila Qadrini</i>
16.15 – 16.30	1570486861	<b>Adding an Emotions Filter to Javanese Text-to-Speech System</b> <i>Edy Mulyanto; Eko Mulyanto Yuniarno ; Mauridhi Hery Purnomo</i>
16.30 – 16.45	1570492319	<b>Computational Model of the Insect Olfactory Receptor Expressed on SF21Cell</b> <i>Totok Mujiono; Tasripan Tasripan</i>
16.45 – 17.00	1570473744	<b>Copy-move Image Forgery Detection using Autocolor Correlogram</b> <i>Rinaldi Munir and Fikri Aulia</i>
17.00 – 17.15	1570504997	<b>Object Selection Algorithm for Spontaneous Gaze-Based Interaction</b> <i>Herlina Herlina and Sunu Wibirama ; Igi Ardiyanto</i>

**Session 1 - Track: Embedded System - Monday, 26 November 2018,  
15.15 – 17.15, Celebes Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
15.15 – 15.30	1570487527	<b>Conflict of Interest based Features for Expert Classification in Bibliographic Network</b> <i>Diana Purwitasari ;Mauridhi Hery Purnomo ;Chastine Fatichah ;Surya Sumpeno ;Willy Achmat Fauzi and Akhmad Bakhrul Ilmi</i>
15.30 – 15.45	1570490092	<b>A Configurable High-Frequency SSB Signal Generation Method using SDR Approach Implemented on System-on Chip FPGA</b> <i>Tuan Do Trong and Ha Duyen Trung</i>
15.45 – 16.00	1570489592	<b>Gas Source Localization Using an Olfactory Mobile Robot Equipped With Wind Direction Sensor</b> <i>Helmy Widyantara, Muhammad Rivai and Djoko Purwanto</i>
16.00 – 16.15	1570487191	<b>PID-MPC Control Design To Control Oil Temperature In Main Fermentor Machine PT.Cheil Jedang, Jombang Indonesia</b> <i>Amirul Hakam and Mardlijah Mardlijah ;Didik Khusnul Arif</i>
16.15 – 16.30	1570486865	<b>Design of a Low-Cost Therapy Robot for Hand Rehabilitation of a Post-Stroke Patient</b> <i>Khairul Anam, Ahmad Rosyadi and Bambang Sujanarko</i>
16.30 – 16.45	1570486889	<b>Timing Analysis of Image Processing Kernel Implementation in FPGA And CPU Using OpenCL</b> <i>Nor Rizuan Mat Noor and Yuan Li Soo</i>
16.45 – 17.00	1570502875	<b>The Efficiency of Electrical Energy at Water Pump Based on AC Drive in PDAM Lamandau Regency</b> <i>Abdul Rojik; Adhi D Wibawa</i>
17.00 – 17.15	1570486832	<b>The Development of GPS Based Courier Unmanned Aerial Vehicle (CUAV) Prototype</b> <i>I Gede Mahendra Darmawiguna, Gede Saindra Santyadiputra, I Made Gede Sunarya, Putu Hendra Suputra and I Wayan Sadia</i>

**Session 1 - Track: ICT in Smart City Monday, 26 November 2018,  
15.15 – 17.15, Ballroom B1 Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
15.15 – 15.30	1570486916	<b>Study of Overcurrent Relay Coordination Using Non-Standard Tripping Characteristic Method in 150 kV and 20 kV Network of PT. PLN (LTD) APJ Gilimanuk</b> <i>Margo Pujiantara, Vincentius Raki, Mahindara and Talitha Puspita Sari</i>
15.30 – 15.45	1570486269	<b>Speed Monitoring for Multiple Vehicle Using Closed Circuit Television (CCTV) Camera</b> <i>Arief Kurniawan; Eko Mulyanto Yuniarno; Aldiansyah Ramadlan</i>
15.45 – 16.00	1570482325	<b>ISO 9126 Quality Model for Evaluation of Student Academic Portal</b> <i>Haerullah Haerullah; Dolly Indra; Masna Wati; Muh Jamil ;Hafizdzaki Mono Cikadiwa and Edy Budiman</i>

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
16.00 – 16.15	1570486631	<b>Analysis of Factors Affecting the Acceptance Rate of BloobIS Application</b> <i>Tony Dwi Susanto</i>
16.15 – 16.30	1570486282	<b>Coast Panic-Emergency Situation Monitoring System on West and East Sailing Lane of Surabaya Using LORAWAN Technology</b> <i>Eko Pramananto and Maria Ulfa ;Arief Kurniawan</i>
16.30 – 16.45	1570487143	<b>Determination of Target and Initial Value to Identify Dynamic Behavior of Inventory: A case in PIN</b> <i>Mudjahidin Mudjahidin</i>
16.45 – 17.00	1570490112	<b>Factors in IT/E-Leadership Implementation for E-Government Project in Developing Countries</b> <i>Endah Sintiya</i>
17.00 – 17.15	1570489992	<b>IoT Based Scalable Smart Home Automation System Design using Raspberry Pi</b> <i>Shameem Ahmad; Wen Chek Leong ; Saad Mekhilef ; Arghya Saha;S. m. Azam</i>

**Session 1 - Track: ICT in Smart City - Monday, 26 November 2018,  
15.15 – 16.45, Ballroom B2 Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
15.15 – 15.30	1570492197	<b>Heart Rate Monitoring Device for Arrhythmia Using Pulse Oximeter Sensor Based on Android</b> <i>Lanny Agustine, Albert Gunadhi, Ivan Muljono, Diana Lestariningsih and Peter Angka; Widya Andyardja Weliamto</i>
15.30 – 15.45	1570492381	<b>MatCounter: Footsteps Counter Using DanceMat by Bluetooth Based Android Application</b> <i>Birou Novi Cahyani, Sritrusta Sukaridhoto and Hestiasari Rante</i>
15.45 – 16.00	1570478030	<b>IoT-Enabled Door Lock System</b> <i>Syifaul Fuada; Trio Adiono; Sinantya Feranti Anindya, Maulana Yusuf Fathany ; Irfan Purwanda</i>
16.00 – 16.15	1570484440	<b>Using A Smart Plug based on Consumer Electronics to Support Low-Power Smart Home</b> <i>Syifaul Fuada ; Trio Adiono; Sinantya Feranti Anindya; Irfan Purwanda</i>
16.15 – 16.30	1570475827	<b>Smart Transportation System with Route Optimization</b> <i>Mohamad Khairi Ishak</i>
16.30 – 16.45	1570486967	<b>Creating Awareness of Energy Consumption via Peripheral Display</b> <i>Masitah Ghazali, Mohamad Asyraf Osman, Nur Zuraifah Othman and Mohd. Foad Rohani ; Noraini Ibrahim</i>

**Session 2 - Track: Biomedical Signal and Image Processing – Tuesday 27 November  
2018, 08.00 - 09.30, Java Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
08.00 – 08.15	1570487183	<b>An image preprocessing method for kidney stone segmentation in CT scan images</b> <i>Nilar Thein, Hanung Adi Nugroho and Teguh Bharata Adji; Kazuhiko Hamamoto</i>
08.15 – 08.30	1570492324	<b>Performance of Color Cascading Framework on Different ColorSpace for Malaria Identification</b> <i>Ari Kusumaningsih, Yonathan Ferry Hendrawan, Cucun Very Angkoso and Rima Tri Wahyuningrum</i>
08.30 – 08.45	1570492331	<b>CT Lung Parenchyma Selective Segmentation with Threshold-based Connected Component Labeling</b> <i>Dyah Ekashanti Octorina Dewi</i>
08.45 – 09.00	1570486929	<b>Automatic Control Using Fuzzy Techniques For Energy Management On Smart Building</b> <i>Nur Iksan; Erika Devi Udayanti ;Arief Arfriandi ;Djoko Adi Widodo</i>
09.00 – 09.15	1570492206	<b>Web-based Business to Customer (B2C) Implementation on the Unmanned Aerial Vehicle (UAV) Drone Services Business</b> <i>Muhammad Setiawan; Firlan Fitriani Mashita ; Sritrusta Sukaridhoto and Hestiasari Rante</i>
09.15 – 09.30	1570498000	<b>A Review: Knowledge Management in Public Organization</b> <i>Khaitami Khaitami; Adhi D Wibawa; Agnes Tyas</i>

**Session 2 - Track: Computer & Communication Networks - Tuesday 27 November  
2018, 08.00 – 10.00, Flores Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
08.00 – 08.15	1570485695	<b>Internet of Things for Monitoring and Controlling Nutrient Film Technique (NFT) Aquaponic</b> <i>Ahmad Zaini, Arief Kurniawan and Andre Herdhiyanto</i>
08.15 – 08.30	1570497322	<b>Implementation of Object Following Method on Robot Service</b> <i>I Ketut Eddy Purnama and M. Ardi Pradana ;Muhtadin Muhtadin</i>
08.30 – 08.45	1570490101	<b>Training Strategies for Remo Dance on Long Short-Term Memory Generative Model</b> <i>Lukman Zaman; Surya Sumpeno; Mochamad Hariadi</i>
08.45 – 09.00	1570489788	<b>Design of Wireless Sensor Network (WSN) with RF Module for Smart Irrigation System in Plantation Area</b> <i>Radi Radi</i>
09.00 – 09.15	1570490301	<b>Experimental Analysis on Power Quality of IoT Implementation in Microwave Power Transmission System for Mobile Charging Application</b> <i>Wen Chek Leong</i>

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
09.15 – 09.30	1570486544	<b>Outdoor Propagation Channel Investigation at 26 GHz for 5G mmwave Communication</b> <i>MHD Nour Hindia ; Faizan Qamar and Kaharudin Dimiyati ; Tharek Abdul Rahman ; Wan Amirul Wan Mohd Mahyiddin ; Effariza Hanafi</i>
09.30 – 09.45	1570486424	<b>Mobility and Queue Length Aware Multipath Routing Scheme for Network Stability and Load Balancing in MANETs</b> <i>MHD Nour Hindia ; Valmik Tilwari ; Alaa BaniBakr; Kaharudin Dimiyati and Faizan Qamar ; Effariza Hanafi</i>
09.45 – 10.00	1570487151	<b>Robust Schemes to Enhance Energy consumption efficiency for Millimetre Wave-Based Microcellular Network in Congested Urban Environments</b> <i>MHD Nour Hindia; Henry Ojukwu, Kaharudin Dimiyati, Faizan Qamar and Wan Amirul Wan Mohd Mahyiddin; Effariza Hanafi</i>

**Session 2 - Track: Soft Computing - Tuesday 27 November 2018,  
08.00 – 10.00, Banda Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
08.00 – 08.15	1570485704	<b>Brittle Ancient Document Using Adaptive Local Thresholding</b> <i>Muhtadin Muhtadin; Kiki Fatimah and Yoyon Suprpto</i>
08.15 – 08.30	1570492282	<b>Micro Expression: Comparison of Speed and Marking Accuracy in Facial Component Detection</b> <i>Ulla Rosiani ;Ariadi Ririd and Priska Choirina; Surya Sumpeno ; Mauridhi Hery Purnomo; Adri Gabriel Sooi</i>
08.30 – 08.45	1570480285	<b>Gamelan Simulator Multiplatform Application Development</b> <i>Yoyon Suprpto and Syahri Maulana Ramadhan ; Eko Pramunanto</i>
08.45 – 09.00	1570486842	<b>Mobile Robot Based Autonomous Selection of Fuzzy-PID Behavior and Visual Odometry for Navigation and Avoiding Barriers in the Plant Environment</b> <i>Sugianta Nirawana, Kadek Yota Ernanda Aryanto and Gede Indrawan</i>
09.00 – 09.15	1570490373	<b>Cooperative Multi-agent on Head Yaw of Humanoid Robot using Consensus</b> <i>Arif Nugroho; Eko Mulyanto Yuniarno; Mauridhi Hery Purnomo</i>
09.15 – 09.30	1570489889	<b>Structure Detection and Damage Assessment for Post-disaster Satellite Images using Random Forest Classifiers</b> <i>Genrev Kiel Hizon, Ian Paolo Mendoza and Dale Joshua Del Carmen; Rhandley Cajote</i>
09.30 – 09.45	1570486973	<b>High-dimensional data stream clustering: our research experiences</b> <i>Kitsana Waiyamai</i>
09.45 – 10.00	1570497917	<b>Review of Biometric Voice recognition</b> <i>Ernin Ukhwah ; Adhi D Wibawa ; Reza Fuad Rachmadi</i>

**Session 2 - Track: Game Technology & Game Engineering - Tuesday 27 November 2018, 08.00 – 09.15, Celebes Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
08.00 – 08.15	1570488718	<b>Visual Learning on Mobile Phone for Introduction Basic Programming in Vocational High School</b> <i>Arik Kurniawati ; Nurrohmat Hidayatullah Akbar and Deny Prasetyo</i>
08.15 – 08.30	1570486852	<b>HEIRDOM: Multiple Ending Scenario Game for Mathematics Learning Using Rule-Based System</b> <i>Supeno Susiki ; Angga Utama; Mochamad Hariadi ; Umi Laili Yuhana; Mauridhi Hery Purnomo</i>
08.30 – 08.45	1570483584	<b>Implementation of Reconstruction Filter to Create Motion Blur Effect in URHO3D Game Engine</b> <i>Anny Yuniarti; Ridho Rahman Hariadi ; Yusuf Syihab</i>
08.45 – 09.00	1570486571	<b>Closed Room Fire Propagation Modelling using Multiple State Variables Cellular Automata</b> <i>Galih P Riatma and Eko Mulyanto Yuniarno ; Supeno Mardi Susiki Nugroho</i>
09.00 – 09.15	1570487000	<b>Development of Eye-Gaze Interface System and Its Application to Virtual Reality Controller</b> <i>Hanif Fermenda Putra and Kohichi Ogata</i>

**Session 3 - Track: Soft Computing – Monday, 27 November 2018, 10.30 - 12.30, Java Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
10.30 – 10.45	1570490121	<b>Modified Multi-scale Feature Extraction for Copy-Move Forgery Detection Based on CMFD-SIFT</b> <i>Mohammed Ikhlalay ; Mochamad Hariadi; I Ketut Purnama</i>
10.45 – 11.00	1570490331	<b>Fast and Efficient Cluster Based Map for Ship Tracking</b> <i>Andi M. Ali Mahdi Akbar ;Ketut Eddy Purnama; Supeno Susiki ; Mochamad Hariadi</i>
11.00 – 11.15	1570490000	<b>Comparison of Recognition Accuracy on Dynamic Hand Gesture Using Feature Selection</b> <i>Adri Gabriel Sooi ;Patrisius Batarius, Yovina Siki, Paskalis Nani, Natalia Mamulak and Emerensiana Ngaga ;Ulla Rosiani ; Surya Sumpeno ; Mauridhi Hery Purnomo; Sisilia Mau</i>
11.15 – 11.30	1570487264	<b>Adaptive Boosting Classifier for Pedestrian Attributes Identification with Color and Texture Features</b> <i>Indah Agustien Siradjuddin and Helmi Achmani; Arif Muntasa</i>
11.30 – 11.45	1570496257	<b>Classifying the Complexity of Competency in Elementary School based on Supervised Learners</b> <i>Umi Laili Yuhana ; Laszlo T.Koczy ; Tri Arief Sardjono ; Eko Mulyanto Yuniarno ; Mauridhi Hery Purnomo ;Ketut Eddy Purnama</i>
11.45 – 12.00	1570502886	<b>Hand Geometry Feature Extraction: A Review</b> <i>Anton Purnawirawan; Adhi D Wibawa</i>
12.00 – 12.15	1570497926	<b>A Review on Text Classification Technique</b> <i>Eko Yudhi Prastowo; Adhi Dharma Wibawa; Waskitho Wibisono</i>

Presentation Time	Paper ID	Title and Authors
12.15 – 12.30	1570490267	<b>Prediction of Nilai Jual Objek Pajak (NJOP) using Radial Basis Function Method</b> <i>Ilham Arisyandy, Casi Setianingsih and Purba Kusuma</i>

**Session 3 - Track: Soft Computing 3 – Monday, 27 November 2018,  
10.30 - 12.30, Flores Room**

Presentation Time	Paper ID	Title and Authors
10.30 – 10.45	1570490078	<b>Analysis of Brain Tissue and Cerebrospinal Fluid Feature for Alzheimer's Disease Detection</b> <i>Cucun Very Angkoso; I Ketut Eddy Purnama ; Mauridhi Hery Purnomo</i>
10.45 – 11.00	1570490330	<b>Comparative study of Brain Tumor Segmentation using Different Segmentation Techniques in Handling Noise</b> <i>Nur Iriawan; Anindya Apriliyanti Pravitasari; Kartika Fithriasari and Irhamah Irhamah; Santi Wulan Purnami; Widiana Ferriastuti</i>
11.00 – 11.15	1570486533	<b>New Model for Hourly Solar Radiation Forecasting using ANN for Java Island, Indonesia</b> <i>Mahmoud Abu Zalata, ENG ; Imam Robandi ;Dedet Riawan</i>
11.15 – 11.30	1570484924	<b>K optima Clustering as Determination of Optimum Flight Route</b> <i>Mohammad Yazdi Pusadan</i>
11.30 – 11.45	1570490337	<b>Nguyen-Widrow Neural Network for Distribution Transformer Lifetime Prediction</b> <i>Rosmaliati Rosmaliati; Novie Setiawati ;Ardyono Priyadi ; Mauridhi Purnomo</i>
11.45 – 12.00	1570490258	<b>An Initial Study on Synthetic Data for Khmer Ancient Document Analysis</b> <i>Sodet Hen, Dona Valy and Sophea Chhun; Ratha Siv</i>
12.00 – 12.15	1570486814	<b>Computational Modeling of Novel Clinical Treatment on the Thoracic Aortic Aneurysm</b> <i>ChiWei Ong, Fei Xiong and Foad Kabinejadian ; Gideon Praveen Kumar and FangSen Cui ;Pei Ho; Hwa Liang Leo</i>
12.15 – 12.30	1570487216	<b>Cyberbullying Detection Model for Myanmar Text using Latent Dirichlet Allocation (LDA)</b> <i>Yuzana Win, Naw Htoo Say Wah Khaing and Win Zaw</i>

**Session 3 - Track: Soft Computing – Monday, 27 November 2018, 10.30 - 12.30,  
Banda Room**

Presentation Time	Paper ID	Title and Authors
10.30 – 10.45	1570486795	<b>Spectral Analysis of Familiar Human Voice Based On Hilbert Huang Transform</b> <i>Agustinus Bimo Gumelar; Mauridhi Hery Purnomo ; Eko Mulyanto Yuniarno ; Indar Sugiarto</i>



<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
10.45 – 11.00	1570486071	<b>Comparison of Supervised Learning Image Classification Algorithms for Food and NonFood Objects</b> <i>Reza Yogaswara ; Adhi Dharma Wibawa</i>
11.00 – 11.15	1570490168	<b>N-Gram Keyword Retrieval on Association Rule Mining for Predicting Teenager Deviant Behavior from School Regulation</b> <i>Esther Irawati Setiawan ; Andy Januar Wicaksono; Joan Santoso; Yosi Kristian; Surya Sumpeno; Mauridhi Hery Purnomo</i>
11.15 – 11.30	1570486982	<b>Employing Sparsity Removal Approach and Fuzzy C-Means Clustering Technique on Movie Recommendation Systems</b> <i>Noor Ifada, Eko Prasetyo and M Mula'ab</i>
11.30 – 11.45	1570490243	<b>Comparing Reduction Method Of Mutual Coupling between Ring Metamaterial and Square On Microstrip Array Antenna</b> <i>Petrus Goran</i>
11.45 – 12.00	1570490294	<b>An Improved Iris Tracking Algorithm for Eye Identification under Visible Light</b> <i>Eka Suryadana and Sunu Wibirama ;Igi Ardiyanto</i>
12.00 – 12.15	1570487079	<b>A low-cost and efficient system for capturing 3D models of small and textureless objects</b> <i>Sach Thanh Le, Nhut-Quang Nguyen and Quoc-Tri Tran</i>
12.15 – 12.30	1570486606	<b>Human violence detection in video: a study using 3D convolutional neural network</b> <i>Thi-Thanh-Hai Tran; AnhTuan Pham ;Hai Vu</i>

**Session 3 - Track: Embedded System – Monday, 27 November 2018,  
10.30 - 12.00, Celebes Room**

<b>Presentation Time</b>	<b>Paper ID</b>	<b>Title and Authors</b>
10.30 – 10.45	1570486945	<b>Ladder Diagram Design Based On Sequence Chart Method For Selection And Assembling Part On Dual Conveyor Plant</b> <i>Mochammad Rameli, Eka Iskandar and Rizaldi Prakoso</i>
10.45 – 11.00	1570489394	<b>Online Gas Mapping in Outdoor Environment using Solar-Powered Mobile Robot</b> <i>Richa Watiasih ;Muhammad Rivai, Ontoseno Penangsang and Fajar Budiman ; Yusril Izza; Tukadi Tukadi</i>
11.00 – 11.15	1570490326	<b>Preliminary Study on Movement Controls and Data Streaming in Mobile Robot Surveillance</b> <i>Uti Solichah</i>
11.15 – 11.30	1570487279	<b>Fabrication of Resonant Tunneling Diodes with Application in Frequency Multiplier Using SPICE</b> <i>Mohamad Adzhar Md Zawawi</i>
11.30 – 11.45	1570490370	<b>Redesign Integral Image On ASIC HDL Level</b> <i>Robby Kurniawan Harahap ; Eri Prasetyo Wibowo</i>
11.45 – 12.00	1570487104	<b>Development of Underwater Object Detection Method Base on Color Feature</b> <i>Tri Susanto ; Ronny Mardiyanto and Djoko Purwanto</i>