

Technical Program

2017 International Electronics Symposium on Knowledge Creation and Intelligent Computing (IES-KCIC)

Date : September 26th, 2017

Venue : Politeknik Elektronika Negeri Surabaya (PENS), Indonesia

Time	Tuesday, September 26 th , 2017					
08.00-09.00	Registration					
08.30-09.00	Opening Ceremony					
09.00-10.00	Keynote Speech 1 Tadashi Okoshi, Ph.D. (Keio University, Japan)					
10.00-10.30	Coffee Break					
10.30-12.30	Panel Discussion Dadet Pramadihanto, Ph.D, Politeknik Elektronika Negeri Surabaya, Indonesia Dr. Era Purwanto, Politeknik Elektronika Negeri Surabaya, Indonesia Arthur Siahaan, Cisco Systems Indonesia Iwan Agung Firstantara, PJB Indonesia Dr. Hammam Riza, Deputy TIEM National Agency for the Assessment and Application Technologies (BPPT)					
12.30-14.00	Poster Session, Lunch & Exhibition					
	Parallel Session					
	Room PS-05.04: Topic A1	Room PS-05.05: Topic B1	Room PS-05.08: Topic C1	Room PS-05.10: Topic D1	Room PS-04.11: Topic E1	Room PS-04.19: Topic F1
14.00-14.20	Oral Presentation (5 Papers)	Oral Presentation (4 Papers)	Oral Presentation (4 Papers)	Oral Presentation (5 Papers)	Oral Presentation (5 Papers)	Oral Presentation (5 Papers)
14.20-14.40						
14.40-15.00						
15.00-15.20						
15.20-15.40						
15.30-16.00	Coffee Break					
	Room PS-05.04: Topic A2	Room PS-05.05: Topic B2	Room PS-05.08: Topic C2	Room PS-05.10: Topic D2	Room PS-04.11: Topic E2	
16.00-16.20	Oral Presentation (5 Papers)	Oral Presentation (5 Papers)	Oral Presentation (5 Papers)	Oral Presentation (4 Papers)	Oral Presentation (5 Papers)	Oral Presentation (5 Papers)
16.20-16.40						
16.40-17.00						
17.00-17.20						
17.20-17.40						
17.40-18.30	Preparation of Welcome Dinner					
18.30-21.00	Welcome Dinner					

Session : Parallel Session 01
Location : Room PS-05.04
Moderator : Dr. Iwan Syarif
Date : Tuesday, September 26th, 2017
Track : Intelligent Computing Algorithms and Techniques
Topic : A1

Time	ID Paper	Title	Author(s)
14.00-14.20	1570384693	Multi-Group Particle Swarm Optimization with Random Redistribution	Naufal Suryanto (Electronics Engineering Polytechnic Institute of Surabaya & Anan National College of Technology, Indonesia); Chihiro Ikuta (Anan National College of Technology, Japan); Dadet Pramadihanto (PENS, Indonesia)
14.20-14.40	1570384767	Feature Selection Software Development Using Artificial Bee Colony on DNA Microarray Data	Wildan Andaru (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Iwan Syarif (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Ali Ridho Barakbah (Politeknik Elektronika Negeri Surabaya, Indonesia)
14.40-15.00	1570381067	A Method for Reducing the Amounts of Training Samples for Developing AI Systems	Mami Nagoya, Keiichi Shiohara and Xing Chen (Kanagawa Institute of Technology, Japan)
15.00-15.20	1570391788	The Training of Feed Forward Neural Network Based on The Unscented Kalman Filter for Voice Classification Application	Zaqiatud Darojah, Endah Suryawati Ningrum and Didik Purnomo (Politeknik Elektronika Negeri Surabaya, Indonesia)
15.20-15.40	1570384230	Deep Learning Algorithm for Arrhythmia Detection	Hilmy Assodiky (Politeknik Elektronika Negeri Surabaya, Indonesia); Iwan Syarif (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Tessy Badriyah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia)

Session : Parallel Session 02
Location : Room PS-05.05
Moderator : Dr. Amang Sudarsono
Date : Tuesday, September 26th, 2017
Track : Intelligent Computing for Network and Communication
Topic : B1

Time	ID Paper	Title	Author(s)
14.00-14.20	1570396135	An Implementation of Botnet Dataset to Predict Accuracy Based on Network Flow Model	Yesta Mahardhika (Politeknik Elektronika Negeri Surabaya); Amang Sudarsono (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Ali Ridho Barakbah (Politeknik Elektronika Negeri Surabaya, Indonesia)
14.20-14.40	1570391994	Big Data Analysis Architecture for Multi IDS Sensors using Memory based Processor	Ferry Astika Saputra (Department of Electrical Engineering Universitas Indonesia, Jakarta, Indonesia); Abid Abdillah (Politeknik Elektronika Negeri Surabaya, Indonesia); Iwan Syarif (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Muhammad Salman (University of Indonesia, Indonesia); Kalamullah Ramli (Universitas Indonesia, Indonesia)
14.40-15.00	1570392023	Feature Selection Using Genetic Algorithm to Improve Classification in Network Intrusion Detection System	Andrey Ferriyan (Keio University, Japan); Achmad Husni Thamrin (Keio University & Graduate School of Media and Governance, Japan); Keiji Takeda (Keio University, Japan); Jun Murai (KEIO University, Japan)
15.00-15.20	1570396136	Preliminary Design of Mobile Visual Programming Apps for Internet of Things Applications based on Raspberry Pi 3 Platform	Adnan Rachmat Anom Besari (Politeknik Elektronika Negeri Surabaya (PENS) & Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia); Sritrusta Sukaridhoto (Politeknik Elektronika Negeri Surabaya, Indonesia); Iwan Kurnianto Wibowo (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia)

Session : Parallel Session 03
Location : Room PS-05.08
Moderator : Tri Harsono
Date : Tuesday, September 26th, 2017
Track : Knowledge Bases for Environmental Computing
Topic : C1

Time	ID Paper	Title	Author(s)
14.00-14.20	1570392132	A Fuzzy System for Quality Assurance of Crowdsourced Wildlife Observation Geodata	Hossein Vahidi (Keio University, Japan); Brian Klinkenberg (University of British Columbia, Canada); Wanglin Yan (Keio University, Japan)
14.20-14.40	1570384607	An Implementation of Data Exchange Using Authenticated Attribute-Based Encryption for Environmental Monitoring	Munysi (Politeknik Elektronika Negeri Surabaya, Indonesia); Amang Sudarsono and M. Udin Harun Al Rasyid (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
14.40-15.00	1570385806	Linked Data for Air Pollution Monitoring	M. Udin Harun Al Rasyid, Iwan Syarif and Ilham Akbar Hasbiya Putra (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
15.00-15.20	1570391431	Semantic Spatial Weighted Regression for Realizing Spatial Correlation of Deforestation Effect on Soil Degradation	Irene Erlyn Wina Rachmawan and Yasushi Kiyoki (Keio University, Japan)

Session : Parallel Session 04
Location : Room PS-05.10
Moderator : Dr. Shiori Sasaki
Date : Tuesday, September 26th, 2017
Track : Knowledge Engineering for Imaging Systems
Topic : D1

Time	ID Paper	Title	Author(s)
14.00-14.20	1570384614	Aksara Jawa Text Detection in Scene Images using Convolutional Neural Network	Muhammad Labiyb Afakh, Anhar Risnumawan and Anggraeni Martianda (Politeknik Elektronika Negeri Surabaya, Indonesia); Mohamad Tamara (Institute Technology of Sepuluh Nopember, Indonesia); Endah Suryawati Ningrum (Politeknik Elektronika Negeri Surabaya, Indonesia)
14.20-14.40	1570392031	Detecting and Tracking of Traditional Instrument with Different Camera Vision	Diyan Purwati (Politeknik Elektronika Negeri Surabaya, Indonesia); Dadet Pramadihanto (PENS, Indonesia); Achmad Khalilullah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia)
14.40-15.00	1570391981	Eye Gaze Tracking to Operate Android-based Communication Helper Application	Retno Yuli Cristanti (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Riyanto Sigit (Politeknik Elektronika Negeri Surabaya, Indonesia); Tri Harsono (Electronics Engineering Polytechnic Institute of Surabaya, Indonesia); Dyah Ceni Adelina (Politeknik Elektronika Negeri Surabaya, Indonesia); Anisah Nabilah (Anisah Nabilah, Indonesia); Novita Putri Anggraeni (Novita Putri Anggraeni, Indonesia)
15.00-15.20	1570391971	Road Edge Detection on 3D Point Cloud Data using Encoder-Decoder Convolutional Network	Reza Fuad Rachmadi, Keiichi Uchimura, Gou Koutaki and Koichi Ogata (Kumamoto University, Japan)
15.20-15.40	1570384811	UAV-based Multispectral Aerial Image Retrieval using Spectral Feature and Semantic Computing	Jinmika Wijitdechakul, Yasushi Kiyoki and Shiori Sasaki (Keio University, Japan); Chawan Koopipat (Chulalongkorn University, Thailand)

Session : Parallel Session 05
Location : Room PS-04.11
Moderator : Dr. Riyanto Sigit
Date : Tuesday, September 26th, 2017
Track : Intelligent Computing for Medical Analysis
Topic : E1

Time	ID Paper	Title	Author(s)
14.00-14.20	1570391702	Auto Cropping For Application of Heart Abnormalities Detection Through Iris Based on Mobile Devices	Entin Martiana Kusumaningtyas (Politeknik Elektronika Negeri Surabaya(PENS)-Indonesia, Indonesia); Ali Ridho Barakbah and Silvia Rulia Candra (Politeknik Elektronika Negeri Surabaya, Indonesia)Entin Martiana Kusumaningtyas (Politeknik Elektronika Negeri Surabaya(PENS)-Indonesia, Indonesia); Ali Ridho Barakbah and Silvia Rulia Candra (Politeknik Elektronika Negeri Surabaya, Indonesia)
14.20-14.40	1570392005	Identification of Diabetes Disease in Pancreatic Organ using Iridology	Dyah Ceni Adelina and Riyanto Sigit (Politeknik Elektronika Negeri Surabaya, Indonesia); Tri Harsono (Electronics Engineering Polytechnic Institute of Surabaya, Indonesia); Mochammad Rochmad (Politeknik Elektronika Negeri Surabaya, Indonesia)
14.40-15.00	1570391869	Automatic Lung Cancer Detection Using Color Histogram Calculation	Ratih Wulandari (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Riyanto Sigit (Politeknik Elektronika Negeri Surabaya, Indonesia); Setiawardhana Setiawardhana (Institut Teknologi Sepuluh Nopember, Indonesia)
15.00-15.20	1570396016	Detection Melanoma Cancer using ABCD rule based on Mobile Device	Hardian Firmansyah (PENS, Indonesia); Entin Martiana Kusumaningtyas (Politeknik Elektronika Negeri Surabaya(PENS)-Indonesia, Indonesia); Fadilah Fahrul Hardiansyah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia)
15.20-15.40	1570391739	Discovering Patterns of NED-Breast Cancer Based on Association Rules Using Apriori and FP-Growth	Tresna Maulana Fahrudin (Politeknik Elektronika Negeri Surabaya & EEPIS, Indonesia); Iwan Syarif (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Ali Ridho Barakbah (Politeknik Elektronika Negeri Surabaya, Indonesia)

Session : Parallel Session 06
Location : Room PS-04.19
Moderator : Dr. M. Agus Zainudin
Date : Tuesday, September 26th, 2017
Track : Knowledge Engineering for Multimedia Modelling
Topic : F1

Time	ID Paper	Title	Author(s)
14.00-14.20	1570391997	Utilization Image of Monocular Camera to Build Navigation System and Path Mapping Using SURF Approach	Berlian Lidiawaty, Nana Ramadijanti and Endah Suryawati Ningrum (Politeknik Elektronika Negeri Surabaya, Indonesia)
14.20-14.40	1570396131	E-Voting Security System for the Election of EEPIS BEM President	Zuyina Saputri (Politeknik Elektronika Negeri Surabaya, Indonesia); Amang Sudarsono (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Mike Yuliana (EEPIS, Indonesia)
14.40-15.00	1570391744	Attendance Report Plugin for E-Learning Applications in PENS (Based on Moodle)	Dwi Susanto (Politeknik Elektronika Negeri Surabaya, Indonesia); M. Udin Harun Al Rasyid (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
15.00-15.20	1570396032	Design and Development Virtual Reality Athletic - Virtual Imagery to Train Sprinter's Concentration	Yuwanda Aprilyan (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia); Muchammad Misbachul Choiri (Electronics Engineering Polytechnic Institute of Surabaya, Indonesia); Sritrusta Sukaridhoto (Politeknik Elektronika Negeri Surabaya, Indonesia); Achmad Basuki (Politeknik Elektronika Negeri Surabaya, Indonesia); Miftakhul Jannah (Universitas Negeri Surabaya Indonesia, Indonesia)
15.20-15.40	1570391779	Sentence Generator System for Humanoid Robot Interaction	Novia Damayanti (Electronics Engineering Polytechnic Institute of Surabaya, Indonesia); Dwi Kurnia Basuki and Ali Ridho Barakbah (Politeknik Elektronika Negeri Surabaya, Indonesia); Huda Miftahul (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia)

Session : Parallel Session 01
Location : Room PS-05.04
Moderator : Dr. Sritrusta Sukaridhoto
Date : Tuesday, September 26th, 2017
Track : Intelligent Computing and Engineering Technology
Topic : A2

Time	ID Paper	Title	Author(s)
16.00-16.20	1570391980	Fault Diagnosis System of Rotating Machines Using Continuous Wavelet Transform and Artificial Neural Network	Muhammad Rizky Dharmawan, Nur Aditiya and Zaqiatud Darojah (Politeknik Elektronika Negeri Surabaya, Indonesia); Raden Sanggar Dewanto (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia)
16.20-16.40	1570392002	Fault Diagnosis System of Rotating Machines Using Hidden Markov Model (HMM)	Nur Aditiya, Muhammad Rizky Dharmawan and Zaqiatud Darojah (Politeknik Elektronika Negeri Surabaya, Indonesia); Raden Sanggar Dewanto (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia)
16.40-17.00	1570387443	Control of the depth of anesthesia during operation by vital parameters of the patient's body using a fuzzy controller	Mohammad Reza Yousefi (Islamic Azad University, Najafabad Branch & K. N. Toosi University of Technology, Iran); Raziye Bagheri and Nazanin Dehghani Samani (Najafabad Branch, Islamic Azad University, Iran)
17.00-17.20	1570390887	Particle Swarm Optimization for Coconut Detection in a Coconut Tree Plucking Robot	Alfin Junaedy (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia); Indra Adji Sulistijono (Politeknik Elektronika Negeri Surabaya (PENS) & Electronics Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia); Nofria Hanafi (Electronic Engineering Polytechnic Institute of Surabaya (EEPIS), Indonesia)
17.20-17.40	1570391908	True Random and Adjustable Memory Management Evaluation Framework with Markov Chain	Alvin Shahab (Electronics Engineering Polytechnic Institute Of Surabaya, Indonesia); Dadet Pramadihanto (PENS, Indonesia); Sritrusta Sukaridhoto (Politeknik Elektronika Negeri Surabaya, Indonesia); Adhe Widianjaya (Electronic Engineering Polytechnic Institute of Surabaya & PENS-ITS, Indonesia)

Session : Parallel Session 02
Location : Room PS-05.05
Moderator : Dr. Achmad Basuki
Date : Tuesday, September 26th, 2017
Track : Knowledge Modelling and Engineering
Topic : B2

Time	ID Paper	Title	Author(s)
16.00-16.20	1570384956	Desktop Computer Specification Support System using Simulated Annealing	Muhammad Prihartadi (Politeknik Elektronika Negeri Surabaya, Indonesia); Arna Fariza (Politeknik Elektronika Negeri Surabaya, Indonesia); Nur Muhtadai (Politeknik Elektronika Negeri Surabaya, Indonesia)
16.20-16.40	1570381083	Game Mobile Application History of Uthman Ibn Affan Based on Monotone Chain Convex Hull Algorithm	Nyimas Ariny Sabilarrusyda (Politeknik Elektronika Negeri Surabaya, Indonesia); Achmad Basuki (Politeknik Elektronika Negeri Surabaya, Indonesia); Kholid Fathoni (Politeknik Elektronika Negeri Surabaya, Indonesia)
16.40-17.00	1570384859	Knowledge Trust in Online Programming Communities	Ikut Tri Handoyo (University of Indonesia & LIPI, Indonesia); Adnan Ardhan, Muhammad Ihsan and Nitto Sahadi (University of Indonesia, Indonesia); Dana Sensuse (Laboratory of E-Government, Indonesia); Elin Cahyaningsih (University of Indonesia & Badan Kepegawaian Negara, Indonesia)
17.00-17.20	1570391751	Mobile Application For Identifying Personality of Person Using Graphology	Kukuh Adi Prasetyo and Nana Ramadjanti (Politeknik Elektronika Negeri Surabaya, Indonesia); Achmad Basuki (Politeknik Elektronika Negeri Surabaya, Indonesia)
17.20-17.40	1570385100	Diagnosis Process With Two Focuses Minimal In Incoherent Mapping Repair	Inne Gartina Husein (Institut Teknologi Bandung & Universitas Telkom, Indonesia); Benhard Sitohang (Bandung Institute of Technology, Indonesia); Saiful Akbar (Institut Teknologi Bandung, Indonesia)

Session : Parallel Session 03
Location : Room PS-05.08
Moderator : Dr. Amang Sudarsono
Date : Tuesday, September 26th, 2017
Track : Knowledge Bases for Disaster Risk Management
Topic : C2

Time	ID Paper	Title	Author(s)
16.00-16.20	1570395980	A Mobile Application for Cluster-based Visualization of Spatio-Temporal Earthquake Data Distribution in Indonesia	Ali Ridho Barakbah (Politeknik Elektronika Negeri Surabaya, Indonesia); Amang Sudarsono (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Tri Harsono (Electronics Engineering Polytechnic Institute of Surabaya, Indonesia)
16.20-16.40	1570390681	Association Analysis Of Earthquake Distribution In Indonesia For Spatial Risk Mapping	Renovita Edelani and Ali Ridho Barakbah (Politeknik Elektronika Negeri Surabaya, Indonesia); Tri Harsono (Electronics Engineering Polytechnic Institute of Surabaya, Indonesia); Amang Sudarsono (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia)
16.40-17.00	1570392167	Disaster Detection from Aerial Imagery with Convolutional Neural Network	Siti Nor Khuzaimah Amit (Keio University, Japan)
17.00-17.20	1570391143	Spatial Analisis of Magnitude Distribution for Earthquake Prediction using Neural Network Based On Automatic Clustering in Indonesia	Mohammad Nur Shodiq, Dedy Hidayat Kusuma and Mirza Ghulam Rifqi (Politeknik Negeri Banyuwangi, Indonesia); Ali Ridho Barakbah (Politeknik Elektronika Negeri Surabaya, Indonesia); Tri Harsono (Electronics Engineering Polytechnic Institute of Surabaya, Indonesia)
17.20-17.40	1570391707	Whirlwind Prediction Using Cloud Movement Patterns on Satellite Image	Rhoma Cahyanti, Rendra Budi Hutama, Rafi Ramdlon and Windasari Dwiastuti (Politeknik Elektronika Negeri Surabaya, Indonesia); Achmad Basuki (Politeknik Elektronika Negeri Surabaya, Indonesia); Fadilah Fahrul Hardiansyah (Electronic Engineering Polytechnic Institute of Surabaya, Indonesia)

Session : Parallel Session 04
Location : Room PS-05.10
Moderator : Dr. Shiori Sasaki
Date : Tuesday, September 26th, 2017
Track : Knowledge Engineering for Information Retrievals
Topic : D2

Time	ID Paper	Title	Author(s)
16.00-16.20	1570391707	Indonesian News Auto Summarization in Infrastructure Development Topic with 5W+1H Consideration	Rendra Budi Hutama, Ali Ridho Barakbah and Afrida Helen (Politeknik Elektronika Negeri Surabaya, Indonesia)
16.20-16.40	1570391953	A Realtime Sensing-Data-Triggered News Article Provision System with 5D World Map	Hanako Fujioka, Shiori Sasaki and Yasushi Kiyoki (Keio University, Japan)
16.40-17.00	1570396186	Preprocessing of Radicalism Dataset to Predict Radical Content in Indonesia	Muh Subhan (Politeknik Elektronika Negeri Surabaya, Indonesia); Amang Sudarsono (Politeknik Elektronika Negeri Surabaya (PENS), Indonesia); Ali Ridho Barakbah (Politeknik Elektronika Negeri Surabaya, Indonesia)
17.00-17.20	1570378958	Bio-TRIZ Database for Sustainable Lifestyle	Toru Kobayashi, Yuta Isono and Kenichi Arai (Nagasaki University, Japan); Takeshi Yamauchi (Niigata University, Japan); Hidetoshi Kobayashi (Osaka University & Graduate

Session : Parallel Session 05
Location : Room PS-04.11
Moderator : Dr. Riyanto Sigit
Date : Tuesday, September 26th, 2017
Track : Intelligent Computing for Medical Engineering
Topic : E2

Time	ID Paper	Title	Author(s)
16.00-16.20	1570391497	Forensic Identification System using Dental Panoramic Radiograph	Nabilah Ayu Permata and Riyanto Sigit (Politeknik Elektronika Negeri Surabaya, Indonesia); Setiawardhana Setiawardhana (Institut Teknologi Sepuluh Nopember, Indonesia)
16.20-16.40	1570390912	Middle Finger Bone Assesement for Age Identification	Ikke Risky (Politeknik Elektronika Negeri Surabaya, Indonesia); Riyanto Sigit (Politeknik Elektronika Negeri Surabaya, Indonesia); Tri Harsono (Electronics Engineering Polytechnic Institute of Surabaya, Indonesia)
16.40-17.00	1570389269	Improved Ejection Fraction Measurement on Cardiac Image using Optical Flow	Arvina Aulia Pratiwi (Politeknik Elektronika Negeri Surabaya & Laboratory Computer Vision HI-202, Indonesia); Riyanto Sigit and Dwi Kurnia Basuki (Politeknik Elektronika Negeri Surabaya, Indonesia); Yudi her Oktaviono (Yudi Her Oktaviono, Indonesia)
17.00-17.20	1570384998	Automatic Detection of Premature Ventricular Contraction Based on Photoplethysmography Using Chaotic Features and High Order Statistics	Razie Bagheri (Najafabad Branch, Islamic Azad University, Iran); Mohammad Reza Yousefi (Islamic Azad Universty, Najafabad Branch & K. N. Toosi University of Technology, Iran); Mahdi Khezri (Najafabad Branch, Islamic Azad University, Iran)
17.20-17.40	1570391740	Segmentation of Head CT-Scan to Calculate Percentage of Brain Hemorrhage Volume	Rizal Romadhoni Hidayatullah and Riyanto Sigit (Politeknik Elektronika Negeri Surabaya, Indonesia)

**2017 International Electronics Symposium International Electronics Symposium on
Knowledge Creation and Intelligent Computing (IES-KCIC)**

Date : September 27th, 2017

Venue : Politeknik Elektronika Negeri Surabaya (PENS), Indonesia

Time	Wednesday, September 27th, 2017		
08.00-08.30	Registration		
08.30-09.10	Keynote Speech 2 Dr. Wang Huaqian (Singapore Polytechnic, Singapore)		
09.10-09.50	Keynote Speech 3 Dr. Chihiro Ikuta (Anan National College of Technology, Japan)		
10.15-10.30	Coffee Break		
10.30-12.00	Workshop on Facing the Indonesia Smart E-Government	Workshop on Digital Broadcasting	Workshop on Global Environmental Systems Leader (GESL)
12.00-13.30	Poster Session, Lunch & Exhibition		
13.30-15.00	Workshop on Facing the Indonesia Smart E-Government	Workshop on Engineering Service Learning (ESL)	Workshop on Global Environmental Systems Leader (GESL)
15.00-15.30	Coffee Break		
15.30-16.30	Closing Ceremony		
	Free Time		
18.30-21.00	Farewell Dinner		