

Conference Information

Conference Name 2017 International Conference on Electrical Engineering and Informatics (ICELTICs 2017)

Conference Logo



IEEE Conference ID #42067

Dates October 18th (Wednesday) – October 20th (Friday) 2017

Host and Organizer Department of Electrical and Computer Engineering
Department of Informatics
IEEE Student Branch (STB1035)
Syiah Kuala University, Indonesia

Co-organizer School of Electrical and Electronics Engineering
Universiti Sains Malaysia (USM), Malaysia

Association of Higher Education in Informatics and
Computer Sciences(APTIKOM), Indonesia

Cooperation Agency of Public Universities in the Western
Region of Indonesia (BKS-PTN Wilayah Barat), Indonesia

Technical co-sponsor IEEE Indonesia Section

Venue Academic Activity Center (AAC) Auditorium
Prof. Dr. Dayan Dawood, Syiah Kuala University,
Jalan Teuku Nyak Arief, Kota Pelajar Mahasiswa
(Kopelma), Darussalam, Banda Aceh, 23111
Indonesia

Official Language English

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Technical Program Schedule

Wednesday, October 18, 2017

| Time (WIB) (UTC+07:00) | Description | Venue |
|---------------------------|---|-----------------------------------|
| 08:00 - 09:00 | <i>Registration</i> | AAC Prof. Dayan Dawood Auditorium |
| 09:00 - 09:30 | <i>Opening Ceremony</i> | |
| 09:30 - 09:45 | <i>Welcoming Remark by General Chair</i> | |
| 09:45 - 10:00 | <i>Welcoming Remark by Rector of Syiah Kuala University</i> | |
| 10:00 - 10:15 | <i>Profile of Syiah Kuala University</i> | |
| 10:15 - 10:30 | <i>Coffee Break</i> | |
| 10:30 - 12:00 | <i>Keynote Speakers Session I</i> | |
| 12:00 - 14:00 | <i>Poster Presentation & Lunch Break</i> | |
| 14:00 - 15:30 | Parallel Session 01: Communications and Computer Systems 01 | ICT-01Room |
| | Parallel Session 02: Electronics and Control Systems 01 | ICT-02Room |
| | Parallel Session 03: Power Systems and Renewable Energy 01 | ICT-03Room |
| 15:30 - 16:15 | <i>Coffee Break</i> | ICT Center Building |
| 16:15 - 17:30 | Parallel Session 04: Informatics and Computer Sciences 01 | ICT-01Room |
| | Parallel Session 05: Electronics and Control Systems 02 | ICT-02Room |
| | Parallel Session 06: Power Systems and Renewable Energy 02 | ICT-03Room |
| 17:30 - 19:30 | <i>Break</i> | - |
| 19:30 - 22:30 | Gala Dinner | AAC Prof. Dayan Dawood Auditorium |

Thursday, October 19, 2017

| Time (WIB) (UTC+07:00) | Description | Venue |
|---------------------------|--|-----------------------------------|
| 08:00 - 08:45 | <i>Registration</i> | ICT Center Building |
| 08:45 - 10:15 | Parallel Session 07: Communication and Computer System 02 | ICT-01Room |
| | Parallel Session 08: Information Systems and Technologies 01 | ICT-02Room |
| | Parallel Session 09: Informatics and Computer Sciences 02 | ICT-03Room |
| 10:15 - 10:30 | <i>Coffee Break</i> | ICT Center Building |
| 10:30 - 12:00 | Parallel Session 10: Communications and Computer Systems 03 | ICT-01Room |
| | Parallel Session 11: Informatics and Computer Sciences 03 | ICT-02Room |
| 12:00 - 14:00 | <i>Poster Presentation & Lunch Break</i> | AAC Prof. Dayan Dawood Auditorium |
| 14:00 - 15:30 | <i>Keynote Speakers Session 2</i> | |
| 15:30 - 16:15 | <i>Coffee Break</i> | |
| 16:15 - 17:30 | <i>Best Paper and Presenter Award Closing Ceremony</i> | |

Friday, October 20, 2017

| Time (WIB) (UTC+07:00) | Description | Venue |
|---------------------------|-------------------------------------|-----------------|
| 08:00 - 12:00 | Banda Aceh City Tour (Free) | Banda Aceh City |
| Day 1 | Sabang Island Tour (Additional Fee) | Sabang Island |

Saturday, October 21, 2017

| Time (WIB) (UTC+07:00) | Description | Venue |
|---------------------------|-------------------------------------|---------------|
| Day 2 | Sabang Island Tour (Additional Fee) | Sabang Island |

Parallel Session 01 : Communications and Computer Systems 01
Room : ICT-01, ICT Center Building
Session Chair : Sayed Muchallil
Date : Wednesday, September 18, 2017
Session Time : 14:00 – 15:30 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|---------------|------------|---|---|
| 1 | 14:00-14:15 | 1570393759 | Performance Comparative Analysis Between ARAN and SAODV on VANET Facing the Blackhole | Dodi Wisaksono Sudiharto (Telkom University, Indonesia) |
| 2 | 14:15 - 14:30 | 1570393367 | Performance of Consistency Parameters Analysis Using Fourier and Wavelet Transform on Multi Spectral Fluctuation Signal | Melinda Melinda (UI, Indonesia); Agus Santoso Tamsir, Basari Basari and Dadang Gunawan (Universitas Indonesia, Indonesia) |
| 3 | 14:30 - 14:45 | 1570383442 | Development of Submersible Electric Motor Propulsion to Support Maritime Sector in Indonesia | Cuk Ali Nandar (Agency for the Assessment and Application of Technology, Indonesia); Asep Andi Suryandi (BPPT & ITB, Indonesia); Katri Yulianto and Dewi Mandasari (BPPT, Indonesia); Sumardi Sumardi (Risea Propulsion Pte Ltd, Indonesia) |
| 4 | 14:45 - 15:00 | 1570394283 | Cooperative Compressive Power Spectrum Estimation in Wireless Fading Channels | Dyonisius Dony Ariananda (Universitas Gadjah Mada, Indonesia); Daniel Romero (University of Agder, Norway); Geert Leus (Delft University of Technology, The Netherlands) |
| 5 | 15:00 - 15:15 | 1570382471 | Rainfall Interception Calculation Modeling Using Parallel Computation Systems on NVIDIA CUDA | Yudi Satria (Institut Teknologi Bandung, Indonesia); Mulkan Fadhi (School of Electrical Engineering and Informatics Institute Technology Bandung & TaSharE Development, Indonesia) |
| 6 | 15:15 - 15:30 | 1570386361 | Black Hole Attacks Analysis for AODV and AOMDV Routing Performance in VANETs | Afdhal Afdhal, Sayed Muchallil, Hubbul Walidainy and Qodri Yuhardian (Syiah Kuala University, Indonesia) |

Parallel Session 02 : Electronics and Control Systems 01
Room : ICT-02, ICT Center Building
Session Chair : Kahlil Muchtar
Date : Wednesday, September 18, 2017
Session Time : 14:00 – 15:30 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|---------------|------------|---|--|
| 1 | 14:00 -14:15 | 1570374513 | Model Predictive Parking Control on Four Wheel Vehicle with Optimum Parking Space | Muhammad Ikhwan and Mardlijah Mardlijah (Institut Teknologi Sepuluh Nopember Indonesia); Didik Khusnul Arif (Institut Teknologi Sepuluh Nopember, Indonesia) |
| 2 | 14:15 - 14:30 | 1570388578 | Design of Capacitive Sensor, Measurement and Data Acquisition System of ECVT | Arbai Yusuf (Universitas Indonesia & C-Tech Labs Edwar Technology, Indonesia) |
| 3 | 14:30 - 14:45 | 1570394408 | Disaster Swarm Robot Development: On Going Project | Son Kuswadi; Indra Adji Sulistijono; Riyanto Sigit; Mohamad Nasyir Tamara (Politeknik Elektronika Negeri Surabaya, Indonesia); Mohammad Nuh (Institut Teknologi Sepuluh Nopember, Indonesia) |
| 4 | 14:45 - 15:00 | 1570397893 | Competitiveness Evaluation of Electricity Retailers | Tingting Deng (Huazhong University of Science and Technology & School of Electrical and Electronic Engineering, P.R. China); Wei Zhang and Xiaobing Zhou (State Grid Hubei Electric Power Company, P.R. China); Yi Gao and Suhua Lou (Huazhong University of Science and Technology, P.R. China) |
| 5 | 15:00-15:15 | 1570396829 | Electrical Capacitance Volume Tomography Simulation on 64 Channel Capacitive Sensor by Comparing the Two Scanning Methods | Arbai Yusuf (Universitas Indonesia & C-Tech Labs Edwar Technology, Indonesia) |
| 6 | 15:15 - 15:30 | 1570385033 | Design of DC Light Bulb for DC Bus Application | Ramdhan Halid Siregar (Universitas Syiah Kuala, Indonesia); Hafidh Hasan (Universitas Syiah Kuala & Universitat Duisburg-Essen, Indonesia); Muhammad Syamsu Rizal (University of Syiah Kuala, Indonesia) |

Parallel Session 03 : Power Systems and Renewable Energy 01
Room : ICT-03, ICT Center Building
Session Chair : Hafidh Hasan
Date : Wednesday, September 18, 2017
Session Time : 14:00 – 15:30 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|---------------|------------|--|---|
| 1 | 14:00 -14:15 | 1570377041 | Energy Method of Single-phase-to-ground Fault Line Selection Based on FastICA Algorithm | Yuanyang Xia (Guangxi University & Yalong River Hydropower Development Co., Ltd., P.R. China); Xiaocong Li (Guangxi University, P.R. China); Nengquan He, Yong He and Dongze Wang (Yalong River Hydropower Development Co., Ltd., P.R. China) |
| 2 | 14:15 - 14:30 | 1570385675 | Review on Power Generation and Bidding Optimization of Virtual Power Plant | Mengxuan Lv and Suhua Lou (Huazhong University of Science and Technology, P.R. China); Baolin Liu (Yunnan Electric Power Co. Ltd., P.R. China); Zhen Fan and Zhiming Wu (Huazhong University of Science and Technology, P.R. China) |
| 3 | 14:30 - 14:45 | 1570385197 | Forecast on Vietnam Electricity Consumption to 2030 | VU Nguyen (University of Technology and Education HCMC, Vietnam); Khanh Nguyen (Global Electrical Technology Corp., Vietnam); Cuong Vo (University of Technology and Education HCMC, Vietnam); Binh Phan (University of Technology HCMC, Vietnam) |
| 4 | 14:45 - 15:00 | 1570393902 | Automatic Solar Station for Ground-Based Measurement of Solar Energy Resource in Pekanbaru City Indonesia | Iswadi Hasyim Rosma, Dian Yayan Sukma, Irsan Taufik Ali and Amanda Khaira Perdana (Universitas Riau, Indonesia) |
| 5 | 15:00 - 15:15 | 1570385706 | Research on Optimal Operation of Hybrid Power System with High-penetration Photovoltaics | Zhiming Wu (Huazhong University of Science and Technology, P.R. China); Miao Miao (Qinghai Province Electric Power Company, P.R. China); Changshuang Wang, Mengxuan Lv and Zhen Fan (Huazhong University of Science and Technology, P.R. China) |
| 6 | 15:15 - 15:30 | 1570383059 | Neural Network-Based Solar Irradiance Forecast for Peak Load Management of Grid-Connected Microgrid with Photovoltaic Distributed Generation | Hafidh Hasan (Universitas Syiah Kuala & Universitat Duisburg-Essen, Indonesia); Muhammad Ridha Munawar and Ramdhan Halid Siregar (Universitas Syiah Kuala, Indonesia) |

Parallel Session 04 : Informatics and Computer Sciences 01
Room : ICT-01, ICT Center Building
Session Chair : Irvanizam
Date : Wednesday, September 18, 2017
Session Time : 16:15 - 17:30 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|---------------|------------|---|---|
| 1 | 16:15 -16:30 | 1570390829 | EGT - PSO for Organized Distribution of Swarm Members in Crowd and Diverse Population | Diah Arianti and Tedi Lesmana (Kalbis Institute, Indonesia) |
| 2 | 16:30- 16:45 | 1570385245 | Forecasting Household Electricity Consumption in the Province of Aceh Using Combination Time Series Model | Fahmi Fahmi (Polytechnic State of Lhokseumawe, Indonesia); Hizir Sofyan (Syiah Kuala University, Indonesia) |
| 3 | 16:45-17:00 | 1570391959 | Improving the Role of Language Model in Indonesian-Javanese Statistical Machine Translation | Herry Sujaini (University of Tanjungpura, Indonesia) |
| 4 | 17:00 - 17:15 | 1570394319 | Recognition of Student Emotion Based on Matrix-1 Median Fisher's Face and Backpropagation Algorithm | Slamet Wibawanto (Universita Negeri Malang); Kartika Candra Kirana (Universitas Negeri Malang, Indonesia) |
| 5 | 17:15-17:30 | 1570393649 | An Android Agricultural Commodity Price Information Application by Utilizing RESTful Web Service | Viska Mutiawani, Muhammad Subianto and Misbahul Makruf (Syiah Kuala University, Indonesia) |

Parallel Session 05 : Electronics and Control Systems 02
Room : ICT-02, ICT Center Building
Session Chair : Zulfikar
Date : Wednesday, September 18, 2017
Session Time : 16:15 - 17:30 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|---------------|------------|--|---|
| 1 | 16:15 -16:30 | 1570396875 | Prediction of Soluble Solid Content in Averrhoa Carambola Based on Vis-NIR Image | Maisyarah Rangkuti, Adhi Saputro and Cuk Imawan (Universitas Indonesia, Indonesia) |
| 2 | 16:30 - 16:45 | 1570398244 | Enhancing Soccer Robot Movement Accuracy Using Omnidirectional Wheel | Arnold Aribowo; Alfa Putra; Samuel Lukas; and Hendra Tjahyadi (Universitas Pelita Harapan, Indonesia) |
| 3 | 16:45 -17:00 | 1570397385 | Three Element Control on Fuel Tank with Feedback - Feedforward Using Simulink | Joke Pratilastiarso, Erik Tridianto, Hendrik Prasetya, Ratna Patmasari and Affan Romadhon (Politeknik Elektronika Negeri Surabaya, Indonesia) |
| 4 | 17:00 - 17:15 | 1570394273 | Cruise Missile Altitude Control System Design Using Phase-Lead Compensator | Alfatirta Mufti and Sayed Muchallil (Syiah Kuala University, Indonesia) |
| 5 | 17:15 - 17:30 | 1570385306 | Theft Prevention System by Controlling Electrical Appliances to Imitate the Presence of Homeowners | Zulhelmi Zulhelmi, Zulfikar Zulfikar and Afdhal Afdhal (Syiah Kuala University, Indonesia) |

Parallel Session 06 : Power Systems and Renewable Energy 02
Room : ICT-03, ICT Center Building
Session Chair : Dr. Ira Devi Sara
Date : Wednesday, September 18, 2017
Session Time : 16:15 – 17:30 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|---------------|------------|--|--|
| 1 | 16:15 -16:30 | 1570388826 | Bi-level Model for Congestion Management with Large-Scale Wind Power Integration Considering Real-Time Operational Risks | Zhen Fan, Xiran Wang and Suhua Lou (Huazhong University of Science and Technology, P.R. China); Hui Li and Zhidong Wang (State Power Economic Research Institute, P.R. China); Mengxuan Lv and Zhiming Wu (Huazhong University of Science and Technology, P.R. China) |
| 2 | 16:30 - 16:45 | 1570394314 | A Day-Ahead Stochastic Robust Dispatch Model Considering Demand Response | Xiao kang Jiang, Zhen Fan and Suhua Lou (Huazhong University of Science and Technology, P.R. China); Di Wu (State Grid Jiangsu Electric Power Company, P.R. China); Bai Liang Liu (Economy and Technology Institute, State Grid Jiangsu Electric Power Company, P.R. China); Tingting Deng (Huazhong University of Science and Technology & School of Electrical and Electronic Engineering, P.R. China) |
| 3 | 16:45 -17:00 | 1570397977 | Transient Stability Improvement Using Allocation Power Generation Methods Based on Moment Inertia | Indar Chaerah Gunadin, Zaenab Muslimin and Agus Siswanto, MT. (Hasanuddin University, Indonesia) |
| 4 | 17:00 - 17:15 | 1570385616 | Electric Propulsion System and Overhead Line Test Track Design for High Floor Trolley Bus | Asep Andi Suryandi (BPPT & ITB, Indonesia); Cuk Ali Nandar (Agency for the Assessment and Application of Technology, Indonesia); Katri Yulianto, Dewi Mandasari and Budi Fadjrln (BPPT, Indonesia) |
| 5 | 17:15 - 17:30 | 1570394388 | Effects of Shunt and Series Resistances on the Performance of a Tandem Solar Cell | Ira Sara (Syiah Kuala University, Indonesia) |

Parallel Session 07 : Communications and Computer Systems 02
Room : ICT-01, ICT Center Building
Session Chair : Dr. Rusdha Muharrar
Date : Thursday, September 19, 2017
Session Time : 08:45 – 10:15 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|--------------|------------|--|--|
| 1 | 08:45 -09:00 | 1570394647 | How to Deal with Impulsive Noise in OFDM-based PLC : A Survey | Prita Dewi Mariyam (Universitas Indonesia, Indonesia); Filbert H. Juwono (University of Indonesia, Indonesia); Panca Pamungkasari (Universitas Nasional, Indonesia); Dadang Gunawan (Universitas Indonesia, Indonesia) |
| 2 | 09:00-09:15 | 1570396378 | Suboptimal Power Splitting of Energy Harvesting in Cooperative Communication System | Fikri Haikal, Nasaruddin Nasaruddin and Rusdha Muharrar (Syiah Kuala University, Indonesia) |
| 3 | 09:15-09:30 | 1570396883 | The Analysis on White Space Coverage Area Radius to Find the Equilibrium Point Between DVB-T2 and IEEE 802.22 WRAN | Lessy Sutiyono Aji (Ministry of Communications, Indonesia); Gunawan Wibisono (University of Indonesia, Indonesia); Dadang Gunawan (Universitas Indonesia, Indonesia) |
| 4 | 09:30-09:45 | 1570394337 | Joint Cooperative Sensing and Scheduling in Cognitive Radio by Mechanism Design | Jyu-Wei Wang (Asia University, Taiwan); Ramzi Adriman (Syiah Kuala University, Indonesia) |
| 5 | 09:45-10:00 | 1570396601 | Grouped Data Analysis of H2O and H2O Mixed with NaOH on Multi Spectral High Fluctuation Pattern | Melinda Melinda (UI, Indonesia); Alfique Tanjung, Agus Santoso Tamsir, Basari Basari and Dadang Gunawan (Universitas Indonesia, Indonesia) |
| 6 | 10:00-10:15 | 1570396898 | Statistical Investigation of Skin Image for Disease Analyzing in Rural Area Using Matlab | Zulfikar Zulfikar and Zulhelmi Zulhelmi (Syiah Kuala University, Indonesia) |

Parallel Session 08 : Information Systems and Technologies 01
Room : ICT-02, ICT Center Building
Session Chair : Rahmad Dawood
Date : Thursday, September 19, 2017
Session Time : 08:45 – 10:15 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|---------------|------------|--|--|
| 1 | 08:45 -09:00 | 1570393730 | Online Social Media and Risks: An Exploration into Existing Children Practice | Tahirah Mt Tahir and Mohd Heikal Husin (Universiti Sains Malaysia, Malaysia) |
| 2 | 09:00 - 09:15 | 1570383044 | Development of RENAksi Web-based Application to Support Open Government Anti-corruption Action Plan in Banda Aceh Municipality | Zuhra Sofyan (Bappeda Kota Banda Aceh, Indonesia) |
| 3 | 09:15 - 09:30 | 1570395050 | A Review of Cloud Learning Management System (CLMS) Based on Software as a Service (SaaS) | Yahfizham Yahfizham and Fenny Purwani (Padang State University, Indonesia) |
| 4 | 09:30 - 09:45 | 1570395404 | Implementing Problem-Solving Method in Learning Programming Application | Viska Mutiawani; Juwita Juwita; Razief Perucha Fauzie Afidh and Dwi Novitasari (Syiah Kuala University, Indonesia) |
| 5 | 09:45 - 10:00 | 1570397816 | The Impact of Cyberloafing Towards Malaysia Employees' Productivity: A Conceptual Framework | Siti Salina Saidin and Yulita Hanum P Iskandar (Universiti Sains Malaysia, Malaysia); Noornina Dahlan (Universiti Malaysia Pahang, Malaysia) |
| 6 | 10:00 - 10:15 | 1570396513 | Usability Testing of Chemistry Dictionary (ChemDic) Developed on Android Studio | Muhammad Nazar and Zulfadli Zulfadli (Syiah Kuala University, Indonesia) |

Parallel Session 09 : Informatics and Computer Sciences 02
Room : ICT-03, ICT Center Building
Session Chair : Dr. Fitri Arnia
Date : Thursday, September 19, 2017
Session Time : 08:45 – 10:15 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|---------------|------------|---|--|
| 1 | 08:45 -09:00 | 1570394431 | Wavelength Selection in Hyperspectral Imaging for Prediction Banana (Musa Sp. Quality) | Adhi Saputro and Windri Handayani (Universitas Indonesia, Indonesia) |
| 2 | 09:00 - 09:15 | 1570395182 | Reconstructing Japanese Handwritten Images Using Auto-Encoder with Residual Block in Parallel Computing | M Octaviano Pratama and Pamela Kareen (Universitas Indonesia, Indonesia) |
| 3 | 09:15 - 09:30 | 1570397771 | Chlorophylls Content Prediction of Green Amaranth (Amaranthus Tricolor L.) Leaves Using V-NIR Image | Mardhiyatna Mardhiyatna, Adhi Saputro and Cuk Imawan (Universitas Indonesia, Indonesia) |
| 4 | 09:30 - 09:45 | 1570398180 | Clustering Articles in Bahasa Indonesia Using Self-Organizing Map | Dani Gunawan, Amalia Amalia and Indra Charisma (University of Sumatera Utara, Indonesia) |
| 5 | 09:45 - 10:00 | 1570397085 | Multiple Attribute Decision Making with Simple Additive Weighting Approach for Selecting the Scholarship Recipients at Syiah Kuala University | Irvanizam Irvanizam (Syiah Kuala University, Indonesia) |

Parallel Session 10 : Communications and Computer Systems 03
Room : ICT-01, ICT Center Building
Session Chair : Dr. Nasaruddin
Date : Thursday, September 19, 2017
Session Time : 10:30 – 12:00 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|---------------|------------|--|---|
| 1 | 10:30 -10:45 | 1570396760 | Towards the Development of Intelligent Pedestrian Mobility Systems (IPMS) | George Papageorgiou (European University Cyprus, Cyprus); Athanasios Maimaris (Cyprus College & EUC Research Center, Cyprus) |
| 2 | 10:45 -11:00 | 1570397984 | Software Defined Routing Algorithm in LEO Satellite Networks | Yonghu Zhu; Liang Qian; Lianghai Ding; Feng Yang; Cheng Zhi (Shanghai Jiao Tong University, P.R. China, P.R. China); Tao Song (Shanghai Institute of Satellite Engineering, P.R. China, P.R. China) |
| 3 | 11:00 - 11:15 | 1570397205 | Self-Comparison Performance Analysis of H2O on Multi Spectral Fluctuation Pattern | Agus Santoso Tamsir; Melinda Melinda; Michael Hariadi; Basari Basari; Dadang Gunawan (Universitas Indonesia, Indonesia) |
| 4 | 11:15 - 11:30 | 1570398092 | Adaptive Topology Decomposition for Storm | Cheng Xie; Liang Qian; Lianghai Ding; Feng Yang (Shanghai Jiao Tong University, P.R. China, P.R. China) |
| 5 | 11:30 - 11:45 | 1570397778 | Secondary Market Analysis in Indonesia Television Private Broadcasting Institutions | Gunawan Wibisono; Eko Hin Ari Pratama (Universitas Indonesia, Indonesia) |
| 6 | 11:45 - 12:00 | 1570398100 | Implementation and Experimental Results of Decentralized Coded Caching for Wireless Video Transmission | Xin Guo, Naifu Zhang and Liang Qian (Shanghai Jiao Tong University, P.R. China) |

Parallel Session 11 : Informatics and Computer Sciences 03
Room : ICT-02, ICT Center Building
Session Chair : Dr. Taufik F. Abidin
Date : Thursday, September 19, 2017
Session Time : 10:30 – 12:00 WIB (UTC+07:00)

| No | Time | Paper ID | Paper Title | Author(s) and Affiliation (s) |
|----|---------------|------------|--|--|
| 1 | 10:30 -10:45 | 1570398116 | Document Clustering Optimization with Synonym Dictionary Check Function | Amalia Amalia; Maya Lydia; Siti Fadilla; Miftahul Huda; Dani Gunawan (University of Sumatera Utara, Indonesia) |
| 2 | 10:45 - 11:00 | 1570397835 | DHJ: A Database of Handwritten Jawi for Recognition Research | Khairun Saddami; Khairul Munadi; Yuwaldi Away; Fitri Arnia (Syiah Kuala University, Indonesia) |
| 3 | 11:00 - 11:15 | 1570398146 | Performance Analysis of Zigzag Map and Hash Function to Generate Random Number | Magfirawaty Philiank (Universitas Indonesia, Indonesia) |
| 4 | 11:15 - 11:30 | 1570397724 | Identification of Bahasa Indonesia Official Computer Terms in Indonesian Government Websites | Amalia Amalia; Dani Gunawan; Maya Lydia; Daniel Bonoffi; Tigor Hamonangan Nasution (Universitas Sumatera Utara, Indonesia) |
| 5 | 11:30 - 11:45 | 1570398156 | N-grams Based Features for Indonesian Tweets Classification Problems | Taufik F. Abidin; Mauliana Hasanuddin; Viska Mutiawani (Syiah Kuala University, Indonesia, Indonesia) |