

CONFERENCE INFORMATION

Dates	October 15 th (Saturday) – October 16 th (Sunday) 2016
Organizer	Faculty of Computer Science, Universitas Indonesia Faculty of Computer Science, Brawijaya University
Venue	Gedung Widyaloka, Universitas Brawijaya Jl. Veteran, Sumbersari, Kec. Lowokwaru, Kota Malang, Jawa Timur, Indonesia 65145 Phone : +62-21-7863547 Fax : +62-21-7863548
Official Language	English
Secretariat	Faculty of Computer Science, Universitas Indonesia Kampus UI Depok Depok, 16424 Indonesia T: +62 21786 3419 ext. 3225 F: +62 21 786 3415 E: icacsis@cs.ui.ac.id W: http://www.cs.ui.ac.id
Conference Website	http://icacsis.cs.ui.ac.id

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REGISTRATION

Registration Fee

Accepted Paper	USD 500 (International)
	IDR 4.000.000 (Domestic)
Additional Page	USD 10 (per page)
Participant	USD 150 (International)
	IDR 1.000.000 (Domestic)

Payment Method

All payment for the administration fee and additional events should be transferred to the bank account below:

Recipient Bank	:BNI
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Swift Code	:BNI NIDJA 127 3000 444

PROGRAM SCHEDULE

Saturday, October 15th, 2016-CONFERENCE			
Time	Event	Event Details	Rooms
07.30-08.30		Registration	Auditorium, Widyaloka Building, Universitas Brawijaya
08.30-08.35	Opening Ceremony	Opening speech from the General Chair of ICACSIS 2016, Dana Indra Sensuse, Ph.D.	
08.35-08.40		Opening speech from the Dean of Faculty of Computer Science Universitas Indonesia (Mirna Adriani, Ph.D)	
08.40-08.45		Welcome speech from the Dean of Faculty of Computer Science Universitas Brawijaya(Wayan Firdaus Mahmudy , S.Si, M.T, Ph.D.)	
08.45-08.50		Opening Speech from the Vice Rector Universitas Indonesia (Prof Dr.rer.nat Rosari Saleh)	
08.50-09.35		Plenary Speech I	
09.35-09.40		Ceremonial gift, from the Dean of Faculty of Computer Science Universitas Indonesia to Prof. Jim Foster	
09.40-09.45		ICACSIS Photo Session	
09.45-10.00	Coffee Break		
10.00-11.30	Parallel Session I: Three Parallel Sessions	Dr. Budi Wiweko, Ph.D from Universitas Indonesia, ID	Auditorium, Room A, Room B, Room C
11.30-13.00	Lunch		
13.00-14.30	Parallel Session II: Three Parallel Sessions	Prof. Dr. Kohei Arai from Saga University, JP	Auditorium, Room A, Room B, Room C
14.30-14.45	Coffee Break		
14.45-15.30	Plenary Speech II	Dr. Ye-nun Huang from Research Center for Information Technology Innovation,	Auditorium, Widyaloka Building, Universitas Brawijaya

		Academia Sinica, Taiwan	
15.30-17.00	Parallel Session III	Four Parallel Sessions	Auditorium, Room A, Room B, Room C

Sunday, October 16th, 2016-CONFERENCE			
Time	Event	Event Details	Rooms
07.30-08.00	Registration		
08.00-09.30	Parallel Session IV: Three Parallel Sessions	Prof. Han You-Jeong, Ph.D from Pusan National University, KR	Auditorium, Room A, Room B, Room C
09.30-09.45	Coffee Break		
09.45-10.30	Plenary Speech III	Prof. Ramjee Prasad from Aalborg University, DN	Auditorium, Widyaloka Building, Universitas Brawijaya
10.30-12.00	Parallel Session V: Three Parallel Sessions	Stéphan Bressan, Ph.D from National University of Singapore, SG	Auditorium, Room A, Room B, Room C
12.00-13.00	Lunch		
13.00-14.30	Parallel Session VI: Three Parallel Sessions	Jan Pidanic, Ph.D from Univerzita Pardubice, CZ	Auditorium, Room A, Room B, Room C
14.30-15.15	Coffee Break		
15.15-16.45	Parallel Session VII:	Four Parallel Sessions	Auditorium, Room A, Room B, Room C
16.45-17.15	Closing Ceremony (Awards Announcement and Photo Session)	Awards Announcement from the Program Chair of ICACSIS 2016, Dr. Eng. Wisnu Jatmiko, S.T., M.Kom.	Auditorium, Widyaloka Building, Universitas Brawijaya

KEYNOTE SPEAKER

- Ramjee Prasad, Founder Director, Center for TeleInfrastruktur (CTIF), Aalborg University, DK
- Jim Foster, Keio University, JP
- Huang Ye-Nun, Research Center for Information Technology Innovation, Academia Sinica, TW

INVITED SPEAKER

- Kohei Arai, Saga University, JP
- Stéphan Bressan, National University of Singapore, SG
- Han You-Jeong, Pusan National University, KR
- Jan Pidanic, University of Padubrice, CZ

TECHNICAL PROGRAM ICAC SIS 2016

Opening Ceremony Venue: Auditorium, 1 st Floor	Oct 10 (Sat) 08.30-08.50
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Master of Ceremony: Dana Indera Sensuse, Ph.D.

Plenary Speech I Venue: Auditorium, 1 st Floor	Oct 15 (Sat) 08.50-09.45
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Plenary Speech by Prof. Jim Foster
Keio University, Japan

Parallel Session I Invited Speech Venue: Auditorium, 1 st Floor	Oct 15 (Sat) 10.00-11.30
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Dr. Budi Wiweko, Ph.D.

Parallel Session I Machine Learning and Computer Vision Venue: Room A, 1 st Floor	Oct 15 (Sat) 10.00-11.30
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(442) Efficient Texture Image Retrieval of Improved Completed Robust Local Binary Pattern

Arrie Kurniawardhani, Agus Eko Minarno, Fitri Bimantoro

(444) Spatio-Temporal Analysis for Moving Object Detection Under Complex Environment

Adi Suheryadi, Hertog Nugroho

(451) Convolutional Neural Network using Microcanonical Annealing Algorithm

Vina Ayumi, L.M Rasdi Rere, Mohamad Ivan Fanany

(464) A Paddy Growth Stage Classification using LANDSAT 8 with Multiple Regularization Learning

Ines Heidiani Ikasari, Vina Ayumi, Mohamad Ivan Fanany, Sidik Mulyono

(467) Design of Keyboard Input Control for Mobile Application using Head Movement Control (HEMOCS)

Herman Tolle, Mahardeka Tri Ananta, Komang Candra Brata, Hanifah Muslimah Az-Zahrah

Parallel Session I Machine Learning and Computer Vision Venue: Room B, 2 nd Floor	Oct 15 (Sat) 10.00-11.30
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(495) Adaptive Genetic Algorithm for Reliable Training Population in Plant Breeding Genomic Selection

Sumarsih Condroayu Purbarani

(325) Hiding Secret Data by using Modulo Function in Quad Difference Expansion

Tohari Ahmad

(488) Road Detection Analysis Based on Corner Adjacent Features

MD Enjat Munajat, Dwi Hendratmo Widyantoro, Rinaldi Munir

(297) Multimodal Deep Boltzmann Machines for Feature Selection on Gene Expression Data

Arida Ferti Syafiandini

(332) Human Emotion Recognition Based on Active Appearance Model and Semi-supervised Fuzzy C-Means

Dewi Yanti Liliana

Parallel Sessions I E-Government and E-Business Venue: Room C, 2 nd Floor	Oct 15 (Sat) 10.00-11.30
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(312) Challenges in Agile Software Development: A Systematic Literature Review

Widia Resti Fitriani, Puji Rahayu, Dana Indra Sensuse

(329) Antecedent Factors of Consumer Attitudes toward SMS, E-mail and Social Media for Advertising in Indonesia

Handrie Noprisson, Nanang Husin, Nuralamsah Zulkarnaim, Puji Rahayu, Arief Ramadhan, Dana Indra Sensuse

(331) Assessing Knowledge Management Implementation Readiness in Faculty of Computer Science, University of Indonesia

Widia Resti Fitriani, Akmal Gafar Putra, Dipta Tanaya, Hadiyan Nur Rochman, Elin Cahyaningsih, Dana Indra Sensuse

(341) Intention to Use Smart City System Based on Social Cognitive Theory

Widia Resti Fitriani, Ikut Tri Handoyo, Puji Rahayu, Dana Indra Sensuse

(390) The Evaluation of Information Technology Governance and the Prioritization of Process Improvement Using Control Objectives for Information and Related Technology Version 5: Case Study on the Ministry of Foreign Affairs

Erlang Erlangga

Parallel Sessions II Invited Speech Venue: Auditorium, 1 st Floor	Oct 15 (Sat) 13.00-14.30
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Prof. Dr. Kohei Arai.

Parallel Sessions II Computer Networks and High Performance Computing Venue: Room A, 1 st Floor	Oct 15 (Sat) 13.00-14.30
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(393) **Pervasive Device and Service Discovery Protocol In XBee Sensor Network**

Sabriansyah Rizqika Akbar, Wijaya Kurniawan, Mochammad Hannats Hanafi Ichsan, Issa Arwani, Maystya Tri Handonoo

(443) **Factors Analysis that Affecting the User Acceptance towards IPv6 Transition**

Medi Kartika, Yudho Giri Sucahyo

(470) **Sensor Node for Data Sampling and Correlation Analysis of CO2 Concentration with Air Humidity, Temperature, and Light Intensity**

Aulia Arshad, Novian Habibie, Ari Wibisono, Petrus Mursanto, Widijanto Satyo Nugroho, Wisnu Jatmiko

(506) **Vehicle Traffic Monitoring Using Single Camera and Embedded Systems**

Rindra Wiska

(416) **Design of Remote Control for Smart Home Using Interaction Design Method**

Hurriyatul Fitriyah, Edita Rosana Widasari, Denny Sagita R, Hadis Bagus A

Parallel Sessions II Machine Learning and Computer Vision Venue: Room B, 2 nd Floor	Oct 15 (Sat) 13.00-14.30
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(480) **Accurate Visual Tracking by Combining Bayesian and Evolutionary Optimization Framework**

Grafika Jati

(481) **Multi-Sperm Tracking Using Hungarian Kalman Filter on Low Frame Rate Video**

Grafika Jati

(483) **The Use of Data Mining Classification Technique to Fill in Structural Positions in Bogor Local Government**

Tosan Wiar Ramdhani

(484) **Solving Fuzzy Multi-objective Optimization Using Non-dominated Sorting Genetic Algorithm II**

Trisna Trisna

(486) Structured Support Vector Machine Learning of Conditional Random Fields

Aprinaldi Aprinaldi

Parallel Sessions II E-Government and E-Business Venue: Room C, 2 nd Floor	Oct 15 (Sat) 13.00-14.30
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(394) Indonesian Certification of Competency Profession : A Proposed Conceptual e-Portfolio Model

Puji Rahayu

(407) Formulating E-Business Strategy for Branchless Banking: A Case of A Bank in Indonesia

Yuan Hanif Syaniardi

(429) Supporting and Inhibiting Factors of E-Commerce Adoption: Exploring the Sellers' Side in Indonesia

Muslim, Puspa Indahati Sandhyaduhita

(431) Supporting Factors of Sellers' Reputation in e-Marketplace: A Case of Indonesia

Niea Kurnia Fajar, Puspa Indahati Sandhyaduhita

(432) Impact of Express Delivery Service Quality towards Repurchase Intention by B2C and C2C: A Case of Indonesia

Yoga Nurdani, Puspa Indahati Sandhyaduhita

Plenary Speech II Venue: Auditorium, 1 st Floor	Oct 15 (Sat) 14.45-15.30
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Dr. Ye-nun Huang

Research Center for Information Technology Innovation, Academia Sinica, Taiwan

Parallel Sessions III Computer Networks and High Performance Computing Venue: Auditorium, 1 st Floor	Oct 15 (Sat) 15.30-17.00
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(251) On the Parallel Implementation of Goldberg's Maximum Flow Algorithm in Extended Mixed Network

Nguyen Dinh Lau

(271) Collision Algorithms for Breaking Megrelishvili Protocol: Theory and Numerical Experiments

Muhammad Arzaki, Bambang Ari Wahyudi

(344) Federated Document Search Using Hybrid Peer-to-peer Network for Plagiarism Detection

Widyanto Bagus Priambodo, Gladhi Guarddin

(347) Analysis Factors of IPv6 User Acceptance Against Security Aspects Based on Concept of Technology Acceptance Model (TAM) and Technology Threat Avoidance Theory (TTAT)

Dion Kristadi Leksono

(366) Elliptic Curve Cryptography based Key Management for the M2M Local Cloud Platform

Bayu Anggorojati

Parallel Sessions III Digital Library and Distance Learning Venue: Room A, 1 st Floor	Oct 15 (Sat) 15.30-17.00
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(392) An Adaptation of the Index of Learning Style (ILS) to Indonesian Version: A Contribution to Index of Learning Style (ILS) Validity and Reliability Score

Ayu Sahnaz Ovariyan ti, Harry Budi Santoso

(395) The Knowledge Market Online Learning (K-MALL) Architecture for Higher Education

Didi Rustam, Theo van der Weide

(408) Automatic Detection of Learning Styles in Learning Management System by Using Literature-Based Method and Support Vector Machine

Elfa Silfiana Amir, Malikus Sumadyo, Yudho Giri Sucahyo, Harry Budi Santoso, Dana Indra Sensus e

(426) An Indonesian Adaptation of the System Usability Scale (SUS)

Zahra Sharfina, Harry Budi Santoso

(448) Comparative Analysis Of String Similarity And Corpus-Based Similarity For Automatic Essay Scoring System On E-Learning Gamification

Eko Sakti Pramukantoro, Moch Ali Fauzi

Parallel Sessions III Machine Learning and Computer Vision Venue: Room B, 2 nd Floor	Oct 15 (Sat) 15.30-17.00
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(365) Term Weighting Based Class Indexes Using Space Density for Al-Qur'an Ranking

Kurnia Wati, A'la Syauqi

(370) Handling Illumination Variation in Face Recognition using Multiscale Retinex

Alexander Agung Santoso Gunawan

(349) Prediction the Number of Blastomere in Time-Lapse Embryo Using Conditional Random Field (CRF) Method Based on Bag of Visual Words (BoVW)

Dewa Made Sri Arsa

(415) Learning similarity functions for binary strings via genetic programming

Muhammad Syahid Pebriadi, Vektor Dewanto, Wisnu Ananta Kusuma, Farit Mochamad Afendi

(439) Ischemic Stroke Identification Based on EEG using 1D Convolutional Neural Network and Batch Normalization

Endang Purnama Giri, Mohamad Ivan Fanany, Aniati Murni Arymurthy, Sastra Kusuma Wijaya

Parallel Sessions III Reliable Software Engineering Venue: Room C, 2 nd Floor	Oct 15 (Sat) 15.30-17.00
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(345) Incremental Product Configuration in Software Product Line Engineering

Triando, Radu Bogdan Muschevici, Ade Azurat

(381) Automatic Model Translation to UML from Software Product Lines Model using UML Profile

Rizki Muhammad, Maya Retno Ayu Setyautami

(295) A Case Study: Adoption of Agile in Thailand

Aziz Nanthaamornphong, Rattana Wetprasit

(298) A Water Flow Algorithm based Optimization Model for Road Traffic Engineering

Ditdit Nugeraha Utama, Fauzan Affan Zaki, Intan Juliani Munjeri, Nidya Utami Putri

Parallel Session IV Invited Speech Venue: Auditorium, 1 st Floor	Oct 17 (Sun) 08.00-09.30
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Prof. Han Yu-Jeong, Ph.D

Parallel Session IV Information Retrieval Venue: Room A, 1 st Floor	Oct 17 (Sun) 08.00-09.30
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(233) Comparison of Naive Bayes Smoothing Methods for Twitter Sentiment Analysis

Rif'at Ahdi Ramadhani, Fatma Indriani, Dodon Turianto Nugrahadi

(248) Single-Output Recurrent Neural Networks for Sentence Binary Classification

Alfan Farizki Wicaksono, Mirna Adriani

(254) Aggregation of Open Data Information using Linked Data: Case Study Education and Job Vacancy Data in Jakarta

Ardian Hosen, Ika Alfina

(262) Implementation of Regularized Markov Clustering Algorithm on Protein Interaction Networks of Schizophrenia

Rizky Ginanjar, Alhadi Bustamam, Hengki Tasman

(263) Structural Analysis of Hindi Phonetics and A Method for Extraction of Phonetically Rich Sentences from a Very Large Hindi Text Corpus

Shrikant Malviya

Parallel Session IV Machine Learning and Computer Vision Venue: Room B, 2 nd Floor	Oct 17 (Sun) 08.00-09.30
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(239) Error Numerical Analysis for Result of Rainfall Prediction Between Tsukamoto FIS and Hybrid Tsukamoto FIS with GA

Ida Wahyuni, Fitri Utaminingrum

(242) Combining Normal Sparse into Discriminative Deep Belief Networks

Faisal Khalid

(252) Extend Relation Identification in Scientific Papers

Yuliant Sibaroni

(353) Handwritten Character Recognition using Hierarchical Graph Matching

Abdulloh Al Mubarak, Hertog Nugroho

(267) Psychomotor Game Learning Using Leap Motion Technology

Rizal Asrul Pambudi, Nana Ramadijanti, Achmad Basuki

Parallel Session IV Information Management Venue: Room C, 1 st Floor	Oct 17 (Sun) 08.00-09.30
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(337) Investigating Critical Factors of Social CRM Adoption Using TOE (Technology, Organization, and Environment) Framework and Analytical Hierarchy Process (AHP)

Dinna Amelina, Achmad Nizar Hidayanto, Nur Fitriah Ayuning Budi, Puspa Indahati
Sandhyaduhita, Muhammad Rifki Shihab

(340) Analysis on Effects of Brand Community on Brand Loyalty in the Social Media: A Case Study of An Online Transportation (UBER)

Jamilah Jamilah

(489) Inhibiting Factors Of Service Level Agreement (Sla) Adoption In Government To Citizen (G2c) Services: A Case Of Indonesia

Muhammad Jusuf Gantini Reta, Achmad Hidayanto, Puspa Sandhyaduhita

(398) Customer social experience as antecedents of social commerce: Insights from Kaskus

Dahru Dzahaban, Muhammad Rifki Shihab

(412) Dynamic Nearest Neighbours for Generating Spatial Weight Matrix

Mutiara Mawarni, Imam Machdi

Plenary Speech III Venue: Auditorium, 1 st Floor	Oct 17 (Sun) 09.45-10.30
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Prof. Ramjee Prasad, Ph.D

Founder Director, Center for TeleInfrastruktur (CTIF), Aalborg University, Denmark

Parallel Session V Invited Speech Venue: Auditorium, 1 st Floor	Oct 17 (Sun) 10.30 -12.00
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Stéphan Bressan, Ph.D

Parallel Session V Information Retrieval Venue: Room A, 1 st Floor	Oct 17 (Sun) 10.30 -12.00
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(447) DBpedia Entities Expansion in Building Automatic Tagged Data Set for Indonesian NER

Ika Alfina, Ruli Manurung, Mohamad Ivan Fanany

(384) Query Refinement in Recommender System Based on Product Functional Requirements

Abdurahman Baizal, Dwi H Widyantoro, Nur Ulfa Maulidevi

(414) Implementation of Weighted Parallel Hybrid Recommender Systems for e-Commerce in Indonesia

Mustika Aprilianti, Rahmad Mahendra, Indra Budi

(417) Combining Topological and Topical Features for Community Detection

Retnani Latifah, Mirna Adriani

(368) A Comparative Analysis of Memory-based and Model-based Collaborative Filtering on the Implementation of Recommender System for Ecommerce in Indonesia : A Case Study PT X

Pandhu Hutomo Adhitya, Indra Budi, Qorib Munajat

Parallel Session V Machine Learning and Computer Vision Venue: Room B, 2 nd Floor	Oct 17 (Sun) 10.30 -12.00
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(268) Using Logistic Regression Method to Classify Tweets into the Selected Topics

Liza Wikarsa

(502) Generative Oversampling Method (GenOMe) for Imbalanced Data on Apnea Detection using ECG Data

Hadaiq Rolis Sanabila

(286) Multimodal Decomposable Models by Superpixel Segmentation and Point-in-Time Detection CRF for Cheating Detection

Yohannes Yohannes

(290) Numerical Methods for Initialization in Fodder Composition Optimization

Vivi Nur Wijayaningrum, Fitri Utaminigrum

(294) Enhancing Tomato Clustering Evaluation using Color Correction with Improved Linear Regression in Preprocessing Phase

Yuita Arum Sari, Sigit Adinugroho, RV Hari Ginardi, Nanik Suciati

Parallel Session V Information Management Venue: Room C, 1 st Floor	Oct 17 (Sun) 10.30 -12.00
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(449) What Features of Online Review Affects Readers' Intention to Travel?

Rahmi Johanes, Ave Adriana Pinem, Achmad Nizar Hidayanto, Muhammad Rifki Shihab

(454) The Impact of Interdependent Self-Construal towards Intention to Participate in Social Media Photo/Video Contest Campaign

Ghaisani Kusumo Wardina

(382) The Effects of Customization and Permission on Location-Based Advertising toward Consumer Behavioural Intention

Herdiansyah Rhamadan

(324) Optimization Of Analytic Hierarchy Process Using Genetic Algorithm For Selecting Tutoring Agencies In Kampung Inggris Pare

Mayang Anglingsari Putri

(492) Mobile-based expert system for Human Diet Planning using optimum neighbour

Marji, Marji

Parallel Session VI Invited Speech Venue: Auditorium, 1 st Floor	Oct 17 (Sun) 13.00 -14.30
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Jan Pidanic, Ph.D

Parallel Session VI Information Retrieval Venue: Room A, 1 st Floor	Oct 17 (Sun) 13.00 -14.30
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(466) Using Relation Similarity on Open Information Extraction-Based Event Template Extraction

Ade Romadhony, Dwi H. Widyantoro, Ayu Purwarianti

(475) A Corpus-Based Lexicon Building in Indonesian Political Context Through Indonesian Online News Media

MD. Azza Firdaus Yatim, Yulistiyan Wardhana, Ahmad Kamal, Anandra A. R. Soroinda, Febryan Rachim, Muhammad Ismail Wonggo

(517) Twitter Sentiment Analysis of Online Transportation Service Providers

Sonia Anastasia

(399) Combination of Relief Feature Selection and Fuzzy K-Nearest Neighbor for Plant Species Identification

Agus Ambarwari

(491) Certificate Policy Analysis and Formulation of the Government Public Key Infrastructure using SSM

Mohamad Endhy Aziz, Setiadi Yazid

Parallel Session VI Machine Learning and Computer Vision Venue: Room B, 2 nd Floor	Oct 17 (Sun) 13.00 -14.30
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(499) Fetal Head Segmentation Based On Gaussian Elliptical Path and Nature based Optimization

Ilham Kusuma

(300) A Fragile Watermarking Scheme for Content Authentication of GIF Images

Rinaldi Munir

(311) Local and Global Human Activity Detection For Room Energy Saving Model

Adhi Harmoko Saputro

(314) Deep Belief Networks Using Hybrid Fingerprint Feature for Virtual Screening of Drug Design

Aries Fitriawan, Ito Wasito, Arry Yanuar, Arida Ferti Syafiandini, Mukhlis Amien

(317) Automatic Features Reduction Procedures in Palm Vein Recognition

Prasti Eko Yunanto, Hertog Nugroho, Tjokorda Agung Budi Wirayuda

Parallel Session VI General Papers Venue: Room C, 1 st Floor	Oct 17 (Sun) 13.00 -14.30
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(319) Automatic Tungsten Inert Gas (TIG) Welding Using Machine Vision and Neural Network on Material SS304

Ario Sunar Baskoro

(369) An Adaptive Background Estimation for Real-Time Object Localization on A Color-coded Environment

Peter Chondro, Shanq-Jang Ruan

(403) Development of A Laser-based Localization System in An Outdoor Setting - Design and Performance Evaluation of Transmitter and Receiver Component

Radite Praeko Agus Setiawan, Gerry A. Krisnahadi, Muhammad Ikhwan Hanif, I Dewa Made Subrata, Slamet Widodo

(459) Health Capability: The Representation of IoT in Health Domain among Jakartans

Tommy Prayoga, Juneman Abraham

Closing Ceremony Venue: Auditorium, 1 st Floor	Oct 11 (Sun) 16.45-17.15
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Master of Ceremony: Dr. Eng. Wisnu Jatmiko

PRESENTER'S SCHEDULE

A

Abdulloh Al Mubarak			
Handwritten Character Recognition using Hierarchical Graph Matching			
Room B	Parallel Session IV 08.00-09.30	Oct 17 (Sun)	Presenter 4

Abdurahman Baizal			
Query Refinement in Recommender System Based on Product Functional Requirements			
Room A	Parallel Session V 10.30-12.00	Oct 17 (Sun)	Presenter 2

Ade Romadhony			
Using Relation Similarity on Open Information Extraction-Based Event Template Extraction			
Room A	Parallel Session VI 13.00-14.30	Oct 17 (Sun)	Presenter 1

Adhi Harmoko Saputro			
Local and Global Human Activity Detection For Room Energy Saving Model			
Room B	Parallel Session VI 13.00-14.30	Oct 17 (Sun)	Presenter 3

Adi Suheryadi			
Spatio-Temporal Analysis for Moving Object Detection Under Complex Environment			
Room A	Parallel Session I 10.00-11.30	Oct 16 (Sat)	Presenter 2

Agus Ambarwari			
Combination of Relief Feature Selection and Fuzzy K-Nearest Neighbor for Plant Species Identification			
Room A	Parallel Session VI 13.00-14.30	Oct 17 (Sun)	Presenter 4

Alexander Agung Santoso Gunawan			
Handling Illumination Variation in Face Recognition using Multiscale Retinex			
Room B	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 2

Alfan Farizki Wicaksono			
Single-Output Recurrent Neural Networks for Sentence Binary Classification			
Room A	Parallel Session IV 08.00-09.30	Oct 17 (Sun)	Presenter 2

Arida Ferti Syafiandini			
Multimodal Deep Boltzmann Machines for Feature Selection on Gene Expression Data			
Room B	Parallel Session I 10.00-11.30	Oct 16 (Sat)	Presenter 4

Aries Fitriawan			
Deep Belief Networks Using Hybrid Fingerprint Feature for Virtual Screening of Drug Design			
Room B	Parallel Session VI 13.00-14.30	Oct 17 (Sun)	Presenter 4

Ario Sunar Baskoro			
Automatic Tungsten Inert Gas (TIG) Welding Using Machine Vision and Neural Network on Material SS304			
Room C	Parallel Session VI 13.00-14.30	Oct 17 (Sun)	Presenter 1

Arrie Kurniawardhani			
Efficient Texture Image Retrieval of Improved Completed Robust Local Binary Pattern			
Room A	Parallel Session I 10.00-11.30	Oct 16 (Sat)	Presenter 1

Aziz Nanthaamornphong			
A Case Study: Adoption of Agile in Thailand			
Room C	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 4

B

Bayu Anggorojati			
Elliptic Curve Cryptography based Key Management for the M2M Local Cloud Platform			
Auditorium	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 5

D

Didi Rustam			
The Knowledge Market Online Learning (K-MALL) Architecture for Higher Education			
Room A	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 2

Dahru Dzahaban			
Customer social experience as antecedents of social commerce: Insights from Kaskus			
Room C	Parallel Session IV 08.00-09.30	Oct 17 (Sun)	Presenter 4

Dewa Made Sri Arsa			
Prediction the Number of Blastomere in Time-Lapse Embryo Using Conditional Random Field (CRF) Method Based on Bag of Visual Words (BoVW)			
Room B	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 3

Ditdit Nugeraha Utama			
A Water Flow Algorithm based Optimization Model for Road Traffic Engineering			
Room C	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 5

E

Elfa Silfiana Amir			
Automatic Detection of Learning Styles in Learning Management System by Using Literature-Based Method and Support Vector Machine			
Room A	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 3

Endang Purnama Giri			
Ischemic Stroke Identification Based on EEG using 1D Convolutional Neural Network and Batch Normalization			
Room C	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 5

H

Herdiansyah Rhamadan			
The Effects of Customization and Permission on Location-Based Advertising toward Consumer Behavioural Intention			
Room C	Parallel Session V 10.30-12.00	Oct 17 (Sun)	Presenter 3

I

Ika Alfina			
DBpedia Entities Expansion in Building Automatic Tagged Data Set for Indonesian NER			
Room A	Parallel Session V 10.30-12.00	Oct 17 (Sun)	Presenter 1

Ilham Kusuma			
Fetal Head Segmentation Based On Gaussian Elliptical Path and Nature based Optimization			
Room B	Parallel Session VI 13.00-14.30	Oct 17 (Sun)	Presenter 1

Ines Heidiani Ikasari			
A Paddy Growth Stage Classification using LANDSAT 8 with Multiple Regularization Learning			
Room A	Parallel Session I 10.00-11.30	Oct 16 (Sat)	Presenter 4

J

Jamilah Jamilah			
Analysis on Effects of Brand Community on Brand Loyalty in the Social Media: A Case Study of An Online Transportation (UBER)			
Room C	Parallel Session IV 08.00-09.30	Oct 17 (Sun)	Presenter 2

K

Kurnia Wati			
Term Weighting Based Class Indexes Using Space Density for Al-Qur'an Ranking			
Room B	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 1

L

Liza Wikarsa			
Using Logistic Regression Method to Classify Tweets into the Selected Topics			
Room B	Parallel Session V 10.30-12.00	Oct 17 (Sun)	Presenter 1

M

Mohamad Endhy Aziz			
Certificate Policy Analysis and Formulation of the Government Public Key Infrastructure using SSM			
Room A	Parallel Session VI 13.00-14.30	Oct 17 (Sun)	Presenter 1

Muhammad Arzaki			
Collision Algorithms for Breaking Megrelishvili Protocol: Theory and Numerical Experiments			
Auditorium	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 2

Muhammad Jusuf Gantini Reta			
Inhibiting Factors Of Service Level Agreement (Sla) Adoption In Government To Citizen (G2c) Services: A Case Of Indonesia			
Room C	Parallel Session IV 08.00-09.30	Oct 17 (Sun)	Presenter 3

Muhammad Syahid Pebriadi			
Learning similarity functions for binary strings via genetic programming			
Room B	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 4

Mutiara Mawarni			
Dynamic Nearest Neighbours for Generating Spatial Weight Matrix			
Room C	Parallel Session IV 08.00-09.30	Oct 17 (Sun)	Presenter 5

N

Nguyen Dinh Lau			
On the Parallel Implementation of Goldberg's Maximum Flow Algorithm in Extended Mixed Network			
Auditorium	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 1

P

Pandhu Hutomo Adhitya			
A Comparative Analysis of Memory-based and Model-based Collaborative Filtering on the Implementation of Recommender System for Ecommerce in Indonesia : A Case Study PT X			
Room A	Parallel Session V 10.30-12.00	Oct 17 (Sun)	Presenter 1

Peter Chondro			
An Adaptive Background Estimation for Real-Time Object Localization on A Color-coded Environment			
Room C	Parallel Session VI 13.00-14.30	Oct 17 (Sun)	Presenter 2

Prasti Eko Yunanto			
Automatic Features Reduction Procedures in Palm Vein Recognition			
Room B	Parallel Session VI	Oct 17 (Sun)	Presenter 5
	13.00-14.30		

Puji Rahayu			
Indonesian Certification of Competency Profession : A Proposed Conceptual e-Portfolio Model			
Room C	Parallel Session II	Oct 16 (Sat)	Presenter 1
	13.00-14.30		

R

Radite Praeko Agus Setiawan			
Development of A Laser-based Localization System in An Outdoor Setting - Design and Performance Evaluation of Transmitter and Receiver Component			
Room C	Parallel Session VI	Oct 17 (Sun)	Presenter 3
	13.00-14.30		

Rahmi Johanes			
What Features of Online Review Affects Readers' Intention to Travel?			
Room C	Parallel Session V	Oct 17 (Sun)	Presenter 1
	10.30-12.00		

Rif'at Ahdi Ramadhani			
Comparison of Naive Bayes Smoothing Methods for Twitter Sentiment Analysis			
Room A	Parallel Session IV	Oct 17 (Sun)	Presenter 1
	08.00-09.30		

Rinaldi Munir			
A Fragile Watermarking Scheme for Content Authentication of GIF Images			
Room B	Parallel Session VI	Oct 17 (Sun)	Presenter 2
	13.00-14.30		

Rizal Asrul Pambudi			
Psychomotor Game Learning Using Leap Motion Technology			
Room B	Parallel Session IV	Oct 17 (Sun)	Presenter 5
	08.00-09.30		

Rizky Ginanjar			
Implementation of Regularized Markov Clustering Algorithm on Protein Interaction Networks of Schizophrenia			
Room A	Parallel Session IV 08.00-09.30	Oct 17 (Sun)	Presenter 4

S

Shrikant Malviya			
Structural Analysis of Hindi Phonetics and A Method for Extraction of Phonetically Rich Sentences from a Very Large Hindi Text Corpus			
Room A	Parallel Session IV 08.00-09.30	Oct 17 (Sun)	Presenter 5

T

Tohari Ahmad			
Hiding Secret Data by using Modulo Function in Quad Difference Expansion			
Room B	Parallel Session I 10.00-11.30	Oct 16 (Sat)	Presenter 2

Tommy Prayoga			
Health Capability: The Representation of IoT in Health Domain among Jakartans			
Room C	Parallel Session VI 13.00-14.30	Oct 17 (Sun)	Presenter 4

Tosan Wiar Ramdhani			
The Use of Data Mining Classification Technique to Fill in Structural Positions in Bogor Local Government			
Room B	Parallel Session II 13.00-14.30	Oct 16 (Sat)	Presenter 3

Trisna Trisna			
Solving Fuzzy Multi-objective Optimization Using Non-dominated Sorting Genetic Algorithm II			
Room B	Parallel Session II 13.00-14.30	Oct 16 (Sat)	Presenter 4

V

Vina Ayumi			
Convolutional Neural Network using Microcanonical Annealing Algorithm			
Room A	Parallel Session I 10.00-11.30	Oct 16 (Sat)	Presenter 3

W

Widyanto Bagus Priambodo			
Federated Document Search Using Hybrid Peer-to-peer Network for Plagiarism Detection			
Auditorium	Parallel Session III 15.30-17.00	Oct 16 (Sat)	Presenter 3

Y

Yohannes Yohannes			
Multimodal Decomposable Models by Superpixel Segmentation and Point-in-Time Detection CRF for Cheating Detection			
Room B	Parallel Session V 10.30-12.00	Oct 17 (Sun)	Presenter 3

Yuan Hanif Syaniardi			
Formulating E-Business Strategy for Branchless Banking: A Case of A Bank in Indonesia			
Room C	Parallel Session II 13.00-14.30	Oct 16 (Sat)	Presenter 2

Yuliant Sibaroni			
Extend Relation Identification in Scientific Papers			
Room B	Parallel Session IV 08.00-09.30	Oct 17 (Sun)	Presenter 3