

February 4, 2015. Ho Chi Minh, Vietnam

Ho Chi Minh City University of Technology

Registration Open 15:30 ~

16:00~19:30	Committee Meeting for IJCC2015 Conference & Dinner
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February 5, 2015. Ho Chi Minh, Vietnam

A4 Building, Ho Chi Minh City University of Technology

Registration Open 09:00 ~

09:00~09:40	Coffee Break with Snacks and Drinks
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09:40~12:00	Sessions		
	Main Invited & Best Papers Hall 1	Session 1 Oral Presentations Hall 2	Session 2 DCIT, GITC, NCC, VSE Hall 3
	Session Chair: Professor Bhanu Shrestha	Session Chairs: Professor Nojeong Heo	Session Chair: Professor R. Young Chul Kim
Improving Utilization of GPS Data for Urban Traffic Applications	Modeling and Analysis of Movement-Based Registration Considering Network Architecture and General Cell Residence Time	Web-based Multi-view 3D Real-time Display System	
Nguyen Duc Hai, Nguyen Tan Phuc, Doan Khue, Ta Ho Thai Hai, Pham Tran Vu, Huynh Nam and Le Thanh Van	Jihee Jung, Janghyun Baek	Jung-Hwan Ko	
Ontology-based Context Modeling for Smart Home Domain	Thermal Analysis of a Cooling System for a High-Temperature Superconducting Magnet System	Improve Energy Efficiency SEP for Wireless Sensor Networks	
M. Robiul Hoque, M. Humayun Kabir, Toshiro Minami, Sung-Hyun Yang	Thanh Dung Le, Su Jin Lee, Ji Hyung Kim, Sa Il Park, Sang Heon Chae, Gae-Myoung Lee, Se Ho Kim, Ho-Chan Kim, Ho Min Kim	Young-Il Song, WooSuk LEE, SeaYoung Park, Yong Min Kim, Noriyuki Iwane, Kyedong Jung, Jong-Yong Lee	
Modeling of a Context-Aware System for Smart Space	Electric Energy Consumed by the Electric Vehicles According to Their Penetration at the Jeju Island in Korea	Cooperation System based on Social for Business Process in Cloud	
M. Humayun Kabir, M. Robiul Hoque, Sung-Hyun Yang	Soo Wan Kim, Seong-Bong Oh, Gae-Myoung Lee	Seok-Jae Moon, Chi-Gon Hwang, Jong-Yong Lee, Kye-Dong Jung	
Optimal Placement of Medical Robotic System Using Genetic Algorithms	Interconnection between Microgrids on Gapa and Mara Islands through AC Transmission Line	A Study on DBaaS System for Healthcare Information Data Integration in Cloud Environment	
Quoc Cuong Nguyen, Youngjun Kim, HyukDong Kwon	Sang Heon Chae, Ngoc-Thinh Quach, Thanh Dung Le, Gae-Myoung Lee, Se Ho Kim, Homin Kim, Seong-Bo Oh, Ho-Chan Kim	Kwang-Cheol Lee, Sungbin Park, Yean-Woo Jung, Yan-Sheng Zhang, Jong-Yong Lee, Kye-Dong Jung	
An Automatic Mechanism of Ui Code generation for iPhone Platform	Evaluation of MPI over a Single Computing Device with Multi-core CPUs	Improving Test Maturity Level for Test Organization Based on TPI next	

Hyun Seung Son, Woo Yeol Kim, R. Young Chul Kim	Irvanda Kurniadi Virdaus, Moonsoo Kang, Joongsoo Lee, Seokjoo Shin, Goo-Rak Kwon	Kidu Kim, R. Young Chul Kim
Stepped Impedance Resonator Filter for Cognitive Radio System	RF/PON based Gigabit Transmission System for Ultra-Broadband Cable Network	Energy Aware based Multi-path Routing Protocol
Seong Ro Lee	Joochan Lee, Byoungjun Ahn, Sungkwon Park	Seongsoo Cho, Seong Ro Lee, Jong-Yong Lee
Feedback Linearization for Non-linear Time Varying System	Development of Gender Classification Scheme Using Facebook Dataset for Unrestricted Real Environments	Correlation Function Design for Unambiguous CBOC(6,1,1/11) Signal Tracking
Jong-Yong Lee, Kye-dong Jung, Seongsoo Cho	Min Wook Kang, Yoo-Sung Kim	Keunhong Chae, Seong Ro lee, Seokho Yoon
Development of Vuforia VR Platform Based Miniature Geobukseon	Performance Evaluation Metrics for Event Detections of Intelligent Video Surveillance Systems	Automatic Translator to Bi-directly Interchange XMI with XML on Model Transformation for Heterogeneous Smartphone UIs
Chul-Seung Yang, Jeong-gi Lee, Han Byul Kang, Dae-Won Park, Beomjin Kim, Sang-Hyun Lee	Kyoung Yeon Kim, Yoo-Sung Kim	Hyun Seung Son, R. Young Chul Kim
	Space Information Extraction from Korean Text	
	Bogyum Kim, Yongmin Park, Jae Sung Lee	

12:00~13:20	Lunch Time
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13:30~14:30	Poster (Auditorium I)
	Session Chairs: Professors Gyoo-Seok Choi, Jeong-lae Kim, Ki-Young Lee, Le Thanh Van
	Detection of Firm Wave by the Tranquil Standing at the Balance
	Jeong-lae Kim, Young-ah Rha
	Implementation of the Touchscreen Controller with Fast Response Time
	Sang-Bong Park
	A Study on the Shifted LFM Signals Applicable to Co-channel Multisite Radar Operation
	Kyoung-Whoan Suh, Jung-Ho Ahn, Gye-Cheon Lee
	Automatic Generation of Panning Shot from Two Photographs
	Bareum Kim, Kyuman Jeong
	Implementation of Polymorphic Malware DB Based Dynamic Analysis System for Android Mobile Applications
	Han Seong Lee, Hyung-Woo Lee
	The Design of the Integrated Operation & Recording System Based On n-Media Source in the Control Monitoring System
	Woon-Yong Kim, SoonGohn Kim
A Study on the Menu Layout of Writing Software Considering the Writing Position and the Frequency of Use	
Yunsu Choi, Wooyoung Lee, Jinuk Jung, Mintae Hwang	
Location Tracking for the Three-Dimensional Geofence in a Building	
Byungkook Jeon, Abdul Hanan Abdullah, Sungkuk Cho, Byungho Park, Sungjin Cho	

A Context Awareness Middleware in Ubiquitous Computing Environments

Sungjin Cho, Shuli Xing, Byungkook Jeon, Sungkuk Cho

Design and Development of Wireless Device for Ship Lift Crane

Heon Jeong, Seong-Kuk Kwang, Seong-Woo Kwang, Junaid Ahsenali Chaudhry, Sang-Hyun Lee

Development of 3D Scenner and UI

Jeong-Rok Yun, Sang-Joon Lee, Dae-Won Park, Michat Strzelecki, Sang-Hyun Lee

Development of Handheld 3D Scanner Based on Kinect Sensor

Sang-Hyun Lee, Dae-Won Park

Development of Smart Marina Total Managing System

Heon Jeong, Hyeong Sam Park, Sang-Hyun Lee

Detecting Smartphone User Habits Using Sequential Pattern Analysis

Lu Dang Nhac, Nguyen Thu Trang, Nguyen Thi Hau, Nguyen Ha Nam, Gyoo Seok Choi

Implementation of Pulse Interval Modulation using Camera for Smart Signage based F-IoT

Quoc Huy Nguyen, Soonho Jung, Gyoo Seok Choi, Dongwoo Lee, Daehyun Kim, Juphil Cho, Jae Sang Cha

A Study on Precise Maritime Information Transmission Method Through LED Tag of a Lighthouse and a Buoy

Minwoo Lee, Saebong Jang, Hongsoon Kim, Jaesang Cha

Solar Powered Smart LED Pots - An IoT Device

Nojeong Heo

The Method for Improving the Accuracy of Location Tracking on Biological Signal Measurement System

Jeonggi Lee, Bonggeun Kim, Junha Kim, Gwang Lee

A Study on the Economic Efficiency Evaluation of the Lighting System in University Concert Halls

Jangweon Lee, Kyengsuk An, Kyunghan Lee, Hyeokhwan Kwon

Advanced Content Security for Android Platform: Security Analysis and Implementation Issues

Hojae Lee, Minwoo Park, Jaedeok Lim, Jeongnyeo Kim, Jungho Eom, T. M Chung

A Study on the Application of Special Lighting Design for Church Worship Using the Light Converse

Jangweon Lee, Changhun Kim, Kyunghan Lee, Hyeokhwan Kwon

A Multimodal Emotion Recognition Method using Facial-Voice Feature Correlation

Byunhun Oh, Kwangseok Hong

Finite Memory Multi-Target Tracker Design for Linear Systems

Chang Joo Lee, Jun Ho Chung, Choon Ki Ahn, Myo Taeg Lim

Histogram-Based Feature Extraction for Classifying High Entropy File Fragments

Youngseok Lee, Jongweon Kim

A Study on Lip Contour Detection for Learning a Korean Language

Nguyen Phuong Dung

A Study on the Integration of IT and CT for the Deveopment of K-POP

Hyunhee Cha, Seongmook Kim, Seonhee Lee

14:30~16:00	Sessions		
	Main Invited & Best Papers Hall 1	Session 1 Oral Presentations Hall 2	Session 2 DCIT, GITC, NCC, VSE Hall 3
	Session Chairs: Professor Nam Thoai Professor Jeong-lae Kim	Session Chairs: Professor Jae Sang Cha Professor Tran Van Hoai	Session Chairs: Professor Seongsoo Cho Professor Bhanu Shrestha
An Approach for Scheduling Problem in Port Container Terminals:Moving and Stacking	Extended System Classification and Specification	Wideband Meanderline Bandstop Filter for X-band Application	
HA Phuoc Lan, LE Ba Toan, HUYNH Tuong Nguyen , NGUYEN An Khuong, NGUYEN Van Minh Man	Eun-Bog Lee, Kang-moon Park, Suk-Hoon Shin, Sung-Do Chi	Bhanu Shrestha, Nam-Young Kim	
Apparatus for displaying search results for keyword inputted by user with multi formatted data indexing method in big data platform	Digitally Controlled Temperature-Compensated Crystal Oscillator for Low-Cost Radio Frequency Modules Considering Inherent Heat Flow	A Side-Peak Cancellation Scheme for Time-Multiplexed Binary Offset Carrier Signal Tracking	
Wooyung Lee, Daesu Chung, Jeong-Jin Kang, Young-Dae Lee, Joon Lee	Dong Sik Kim, Eunae Lee, Jaejun Han, Jeongmin Lee, Ayeon Kim	Keunhong Chae, Seong Ro Lee, Seokho Yoon	
A Study of Software Defect Rate Estimation Technique in Complete Repeat Testing Environments	Development of Snowfall Measurement System Using a Simple Background Modeling Method	Implementation of Context-awareness Reasoning-based Intelligent SoC for IoT	
Young B. Park, Mahmoud Tarokh, R. Young Chul Kim	JeongHyun Cho, HyunKi Ryu, Sang-Min Bae, SungHo Kim	BonJae Koo, Ram Bilas Pachori, Myung-Hyun Yoon, SungHyun Yang	
A Framework of the 3D Geofence System for Location Awareness	Mobile-Assisted Pronunciation Training based on Mispronunciation Association Rule	Diffraction Efficiency Analysis of Silver Halide Film for DHP (Digital Holographic Printer) Recording	
Byungkook Jeon, DORJ Ulzii Orshikh, Sungjin Cho, Sungkuk Cho	Jinhyuk Jo, Jaesung Lee, Dae-Won Kim	Sung Chul Ho Park, Sang Il Kim, Kwang Chul Son, Soon Chul Kwon, Seung Hyun Lee	
A Study on LED Emotion Light Control Method Using Moving Mean Filter	A Robust Cloud Service Processing for Healthcare Big Data System	A Fair Channel Resource Allocation in ECMA-392 Networks	
Soonho Jung, Junwoo Kim, Seungyoung Yang, Jaekwon Shin, Jintae Kim, Kyoungwha Yoon, Juphil Cho, Jaesang Cha	Seung-Hyun Lee, Min-Sun Lee, Dong-Ryeol Shin	Seung Beom Lee, Min-A Jeong, Sang-Gil Choi, Seong Ro Lee	
Cooperative Context Dissemination in Smart Home System: A Middleware Based Approach	PHR (Personal Healthcare Record) Platform in Smart Healthcare Service	A Hybrid Cooperative MAC Protocol to Enhance Network Performance for WiMedia Network	
M. Robiul Hoque, M. Humayun Kabir, Goreti Marreiros, Sung-Hyun Yang	Seung-Hyun Lee, Dong-Ryeol Shin	Jin-Woo Kim, Ickho Song, Jin-Ho Yang, Seong Ro Lee	
Machine Learning Based Adaptive Context-Aware System for Smart Home Environment	Application of Bond Valence Method to Estimate the Valence Charge Distribution in the Metal-to-Oxygen Bonding Spheres in Perovskites	Wireless USB Device Pairing Scheme for N-Screen Services	
M. Humayun Kabir, Hyungyu Seo, Kuroda Hideo, Sung-Hyun Yang	Hoang Nam Nhat, Dinh Van Chau, Dinh Van Thuong, Nguyen Thi Hang	Kyeong Hur, Min-A Jeong, Seong-Ro Lee	
	Sound Source Localization using Eigen Value Ratio and Correlation of Channels from Mixed Stereo Signal		
	Chai-Jong Song, Chang-Mo Yang, Sung-Ju Park, Taek-Jin Han, Hochong Park		

16:10~17:00	Keynote Speech (Hall) Session Chair : Professor Bhanu Shrestha
	<i>Intelligent Transportation Systems Research in Vietnam – Issues and Challenges</i> Dr. Pham, Tran Vu Professor, Faculty of Computer Science and Engineering Ho Chi Minh City University of Technology, Ho Chi Minh City, Vietnam
17:00~17:40	Welcome Ceremony and Award Ceremony (Hall) Session Chair : Professor Nojeong Heo
	Welcoming Remarks : Professor Jeong-Jin Kang & Professor Tran Thien Phuc, Chairs of IJCC Welcoming Speech : Professor Vu Dinh Thanh, President of Ho Chi Minh City University of Technology Best Paper Awards
18:00~21:00	Banquet
	Welcoming Conference Dinner

February 6, 2015. Ho Chi Minh, Vietnam

Ho Chi Minh City University of Technology
Seminar Room

09:00~09:30	Coffee Break with Snacks and Drinks
09:30~12:00	Session (Cyber Room)
	Session Chairs: Professors Young Dae Lee, Ki-Young Lee, Sung-Jai Choi, Bhanu Shrestha
	A Study on the Efficient 3D Facial Modeling Ki-Young Lee, Jeong-Jin Kang, Su-In Park, Sung-Bae Kim, Sung-Jai Choi, Gyoo-Seok Choi
	The Design and Implementation for BWTS Remote Monitoring System Jooman Kim, Chinhoon Kim, Hwimin Choi, Jino Seo, Kwangseob Lee
	Study of little actual movement on stable body Jeong-lae Kim, Kyu-sung Hwang, Yong-seok Nam
	Viewpoint-based opinion mining and news analysis using the Correlation with the stock index

	Don-Hee Lee, Joung-Joon Kim
	Expression of pitch detecting for the balance
	Jeong-lae Kim, Woo-cheol Lee
	Research on Development Stage of Service Model in Big Data Industry
	Soonduck Yoo
	Robust Feature Detector and Descriptor on Color Images
	Adrianto Tedjokusumo, Jeong-Seon Park, Sang-Woong Lee
	An IP Estimation Method by Traceback with Use of a Proxy Server
	Byungho Park, Dukyun Kim, Dae Cheol Shin

12:00~13:00	Lunch Time
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13:30~17:00	Student Recruiting Interview (Ho Chi Minh City University of Technology)
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February 7, 2015. Ho Chi Minh, Vietnam

09:30~12:00	Technical Tour I (Ho Chi Minh City University of Technology) (Addr: Ho Chi Minh City University of Technology - 268 Ly Thuong Kiet Street, District 10, Ho Chi Minh City) Industrial Field Tour I Culture Tour I
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12:00~13:00	Lunch Time
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13:00~17:00	Technical Tour II (Ho Chi Minh City University of Technology) (Addr: Ho Chi Minh City University of Technology - 268 Ly Thuong Kiet Street, District 10, Ho Chi Minh City) Industrial Field Tour II Culture Tour II
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February 8, 2015. Ho Chi Minh, Vietnam

09:30~11:00	Committee Meeting for Promotion Exchanges and Cooperation among Universities (Vietnam & Korea)
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11:00~12:00	Committee Meeting for IJCC2016 Conference (Closed Meeting)
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