

# The 1st International Conference on Next Generation Computing 2016

TECHNICAL PROGRAM

January. 28-30, 2016

Thursday, January. 28th, 2016		
Time	program	Venue
12.00 – 18.00	Registration	(Lobby)
14.00 – 17.00	Steering Committee Meeting	HOLIDAY INN SILOM Bangkok(Bangkok – Thailand)

Friday, January. 29th, 2016		
Time	Program	
09:30~10:20	Registration (Lobby)	
10:20~10:30	Opeaning Speech from Chairman	Yunmook Nah KINGPC President, KINGPC, Dankook University, Korea
	Opeaning Speech from Chairman	Prof. Sung Wook Baik Sejong University, Korea
Keynote Speech		
10:30~11:00	"Fully decentralised search engines: just a dream?"	Prof. Herwig Unger FernUniversität in Hagen, Germany
11:30~12:00	"Big Data Challenge: Discovering Voice of Consumers via Sentiment Analysis"	Dr. Choochart Haruechaiyasak National Electronics and Computer Technology Center (NECTEC), Thailand
11:30~12:00	"Methods for Mining Patterns and Association Rules"	Prof. Bay Vo Ho Chi Minh City University of Technology, Vietnam

TECHNICAL SESSION 1	
13:30~13:50	Deep Model for Improved Classification of AD/NC Patients / Saruar Alam, Dibash Basukala, GyoungTae Ha, Chuntao Wang, Goo-Rak Kwon / Chosun University, Sogang University, College of Information in South China Agricultural University
13:50~14:20	R&D Trend and Challenges in Artificial Intelligence / Jiyoun Lim, Hyunki Kim, Sang Kyu Park, Dong Won Han, Ilyeon Cho / Electronics and Telecommunications Research Institute
14:20~14:40	Data Management System based on Privacy Aware File Virtualization / Hye-lim Jeong, Sung-Kyu Ahn, Ki-Woong Park / Daejeon University
14:40~15:00	Coffee break
TECHNICAL SESSION 2	
15:00~15:20	• An Application for Web Accessibility Score Evaluation / Dolchai Intawang, Nalinpat Porrawatpreyakorn and Maleerat Sodanil / King Mongkut's University of Technology North Bangkok
15:20~15:40	• Indexing and Search of Mobile Lifelog Data / Yeong Hyeon Gu, Hansol Jang, Seong Joon Yoo, Zhegao Piao / Sejong University
15:40~16:00	• An Accurate Comparison between ANN and CNN in Character Recognition / Jong-Min Ko, Sang-Woong Lee / Chosun University
16:00~16:10	Coffee break

POSTER SESSION 3

16:10~17:10

- 1-minute rain rate derivation from various integration times in South Korea  
/ Sujan Shrestha, Jung-Jin Park, Sun-Woong Kim, Jin-Ju Kim, Ju-Hyun Jung, Dong-You Choi / Chosun University
- A GPU-based Crack Removal Method Using Neighbor Level Tree for Terrain Rendering  
/ Eun-Seok Lee, Suhyun Kim, Byeong-Seok Shin / Inha University, Korea Institute of Science & Technology
- SEA: Stacked-SVM Ensemble Architecture for Improved Gender Recognition from Telephone Speech  
/ Jamil Ahmad, Abdul Malik, Mi Young Lee, Ji Eun Lee, ARam Jung, Guiyoung Son, Seogbong Jeon, Soon-il Kwon, Sung Wook Baik / Sejong University
- A New Technique for On-Line Signature Recognition Using Global Features and Pattern Recognition Neural Network  
/ Inkyu Moon, Samaneh Gholami, Keyvan Jaferzadeh, Htet Lynn, Seokjoo Shin / University of Connecticut, Chosun University
- EER Quest with Iris Image Codes  
/ Lata Ayesha Akter, Jae Wook Lee, Hyun Chol Park, Inkyu Moon, Sang Woong Lee / Chosun University
- Implementation of Bluetooth 3D Sensor Input System for Wearable Devices  
/ Jisu Leem and Lynn Choi, Jungsun Kim / Korea University, Hanyang University
- Social Authoring Method (SAM): Open Platform for Service of Convergence Contents  
/ Mustansar Fiaz, Abdul Malik Badshah, Mi Young Lee, Sung Wook Baik, Yang Su Youn, Kang Mi Ae, Han Ho Cheol, Gye-Young Kim / Sejong University, YAGINSTEK Co., UANGEL Co., Soongsil University

Saturday, January. 30th, 2016

Time	Program
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POSTER SESSION(FP)

10:00~12:00

- Proposal of Novel Image Compression Algorithm using Kmean Clustering for VDI in Cloud Computing  
/ Huu-Quoc Nguyen, Eui-Nam Huh / Kyung Hee University
- TARGET DETECTOR USING SPECTRAL LIBRARY IN HYPERSPECTRAL IMAGE DATABASE  
/ Jae-Hwan Yu, Deok-Hwan Kim / Inha University
- Toward Semantic Gap-less Memory Dump for Malware Analysis  
/ Sang-Hoon Choi, Yu-Seong Kim, Ki-Woong Park / Daejeon University
- Virtualization-aware Task Scheduler for Hadoop MapReduce Processing of Bigdata  
/ Taewon Kim, Haejin Chung, Wonseok Choi, Alanazi Aldasam, Joonmo Kim, Seong-je Cho, Yunmook Nah, Jinhwan Kim  
/ Dankook University, Hansung University
- Virtual Garment Resizing Based on the Pattern Drafting Theory  
/ Moon-Hwan Jeong, Hyeong-Seok Ko, Byeong-Seok Shin, Dongho Kim, Chang-Hun Kim / Seoul National University, Inha University, Soongsil University, Korea University
- An Advanced Face Detection and Recognition using Combination of KPCA, LDA, and Multiclass L-SVM  
/ Dibash Basukala, Saruar Alam, Debesh Jha, Sang-Woong Lee, Nguyen Van Han, Jae-Young Pyun, and Goo-Rak Kwon / Chosun University, Nha Trang University
- Fingerprint Verification with Crossing Number Extraction and Orientation-Based Matching  
/ Irvanda Kurniadi Virdaus, Ahlam Mallak, Sang-Woong Lee, Gyoung Tae Ha, Moonsoo Kang / Chosun University, Sogang University
- Designed and Developed Algorithms for Recognition of Lottery Digits  
/ Wanida Saetang, Sakchai Tangwannawit
- A Study on the Application based on LPWAN of the IoT Service to Building Energy Management System  
/ Tae-Ho Kim, Joung-Woo Kim, Jae-Young Pyun, Goo-Rak Kwon
- A Development of Software Technology for the Generation of Detailed Map Progressively Updated and the Driving Situation Awareness based on Cloud Computing  
/ jin taek Kim / Consortium of Cloud Computing Research

13:00~15:00

ICNGC 2016 Presenter Meeting