ICACT2016 Advance Program in Paper Number Order - Final

Remark!! The ICACT2016 only allows the oral presentation. Papers that CRF has not submitted and do not comply with ICACT template will not be published in the IEEE eXplore Database.

PaperNo	Session Order	Session Title	Date	Time	Paper Title	Authors	Organizations	CRF compliance check
20160022	1E-1	Distributed & Cloud Computing 1	Feb. 1 (Mon)	10:00 ~ 11:30	Cloud Computing Technology for the Petroleum Application	Yi-Wei Ma*, Jiann-Liang Chen** and Yu-Yao Chang**	*China Institute of FTZ Supply Chain, Shanghai Maritime University, China, **National Taiwan University of Science and Technology, Taiwan	
20160025	1B-1	Ubiquitous & Sensor Network 1	Feb. 1 (Mon)	10:00 ~ 11:30	Indoor thermal comfort controls optimized by deducing rules	Chih-Chien Hu, Han-Lin Li	National Chiao Tung University, Hsinchu, Taiwan, ROC	
20160026	6A-1	Mobile Communication 1	Feb. 2 (Tue)	15:00 ~ 16:30	Performance Analysis and Implementation of a DVB-C2 Transceiver	Jaeho Lee, Woongshik YOU, Jintae OH, Sangjung Ra, Junyoung Jung	ETRI, South Korea	
20160028	4D-1	Big Data & Search Engine 1	Feb. 2 (Tue)	10:00 ~ 11:30	Automatic Zooming Mechanism for Capturing High Object Image Using High Definition Fixed Camera	Hsien-Chou Liao*, Po-Yueh Chen**, Zi-Jun Lin**, Zi-Yi Lim*	*Department of Computer Science and Information Engineering Chaoyang University of Technology, Taiwan, R. O. C. **Department of Computer Science and Information Engineering National Changhua University of Education, Taiwan, R. O. C.	Must add authors biography on the paper
20160029	6E-1	Application & Biometric Security	Feb. 2 (Tue)	15:00 ~ 16:30	Your Neighbors Are My Spies: Location and other Privacy Concerns in Dating Apps	Nguyen Phong HOANG, Yasuhito ASANO, Masatoshi YOSHIKAWA	Department of Social Informatics, Graduate School of Informatics, Kyoto University, Japan	
20160030	1A-1	Wireless Communication 1	Feb. 1 (Mon)	10:00 ~ 11:30	Interference Cancellation Using Joint Beamforming and Power Control Techniques in Cooperative Networks	Mongkol Somrobru, Nikorn Sutthisangiam, Chaiyod Pirak	King Mongkut's University of Technology North Bangkok, Thailand	
20160031	1A-2	Wireless Communication 1	Feb. 1 (Mon)	10:00 ~ 11:30	Research on Carrier Leakage Cancellation Technology of FMCW System	Ma Yuehong*,**, Liu Qiusheng**, Zhang Xiaolin*	*School of Electronic and Information Engineering, Beihang University, Beijing, China, **Ordnance Engineering College, Shijiazhuang, China	
20160032	1E-2	Distributed & Cloud Computing 1	Feb. 1 (Mon)	10:00 ~ 11:30	Risk of Privacy Loss Assessment of Cloud Storage Services	Chatchawan Kamwan, Twittie Senivongse	Chulalongkorn University, Bangkok, Thailand	
20160034	1A-3	Wireless Communication 1	Feb. 1 (Mon)	10:00 ~ 11:30	Cognitive Radio with Fast Sensing Technique Using Autocorrelation Approach	A.Lebda*, E. Gemeay*, S. Khamis*, and M. Khder**	*Faculty of Engineering -Tanta University, Tanta- Egypt, **Faculty of Engineering -Arab Academy of Science, Alexandria-Egypt	
20160035	1B-2	Ubiquitous & Sensor Network 1	Feb. 1 (Mon)	10:00 ~ 11:30	An Expanded Cluster Routing Algorithm based on RSSI for An Efficient Data Transmission	Sung-IL Hong, Chi-Ho Lin	Semyung University, Jecheon, Chungbuk, Korea	
20160036	6A-2	Mobile Communication 1	Feb. 2 (Tue)	15:00 ~ 16:30	Performance Study of LTE Experimental Testbed using OpenAirInterface	Chun Yeow Yeoh, Mohammad Harris Mokhtar, Abdul Aziz Abdul Rahman, Ahmad Kamsani Samingan	Signal Processing Lab Telekom Research & Development Sdn. Bhd. Cyberjaya, Selangor, Malaysia	
20160037	5B-1	Future Internet & Optical Network 2	Feb. 2 (Tue)	13:00 ~ 14:30	Model of Transport SDN and MPLS-TP for T-SDN Controller	Chang-Gyu LIM, Soo-Myung PAHK, Young-Hwa KIM	ETRI (Electronics and Telecommunications Research Institute), Daejeon, Korea	
20160039	4A-5	Wireless Communication 4	Feb. 2 (Tue)	10:00 ~ 11:30	Server Selection Mechanism for VoIP System in Wireless Mesh Networks	San-Peng Kao*, Yung-Sheng Lee*, Yung-Chiao Chen**, Jiann-Liang Chen*, Kai-Hsiang Yang*	*National Taiwan University of Science and Technology, Taipei, Taiwan, **National Taiwan University, Taipei, Taiwan	
20160040	1E-3	Distributed & Cloud Computing 1	Feb. 1 (Mon)	10:00 ~ 11:30	A Fast Consensus Algorithm for Multiple Controllers in Software-Defined Networks	Chia-Chen Ho, Kuochen Wang, Yi-Huai Hsu	National Chiao Tung University, Hsinchu 300, Taiwan	
20160041	1C-1	Information & Network Security 1	Feb. 1 (Mon)	10:00 ~ 11:30	Introduction to a Network Forensics System for Cyber Incidents Analysis	Yangseo Choi, Joo-Young Lee, Sunoh Choi, Jong-Hyun Kim, Ikkyun Kim	ETRI, Daejeon, South Korea	
20160042	5B-2	Future Internet & Optical Network 2	Feb. 2 (Tue)	13:00 ~ 14:30	An Analytical Model for Evaluating Spanning Tree Based Layer 2 Routing Schemes	Zhen Luo*, Changjin Suh**	*Shenyang Aerospace University, **Soongsil University	
20160043	5B-3	Future Internet & Optical Network 2	Feb. 2 (Tue)	13:00 ~ 14:30	Radio Access Model for Universal Service	Idriss Saleh BACHAR*,***,****, Ahmed Dooguy KORA**, Roger Marcelin FAYE*, Christelle Aupetit-Berthelemot****	*Ecole Supérieure Polytechnique, Université Cheikh Anta Diop de Dakar, SENEGAL, **École Supérieure Multinationale des Télécommunications, Dakar, SENEGAL, ***Autorité de Régulation des Communications Electroniques et Postes du TCHAD, ****Xlim/C²S² UMR-CNRS 7252, University of Limoges 16 rue	
20160045	6A-3	Mobile Communication 1	Feb. 2 (Tue)	15:00 ~ 16:30	Zipping Transmission for Infrastructure-Assisted Cloud Network Navigation System	Sang-Ho OH, Soonki JO, Jong-Soo SEO	Department of Electrical and Electronic Engineering, Yonsei University, Korea	

20160046	1A-4	Wireless Communication 1	Feb. 1 (Mon)	10:00 ~ 11:30	Harmonized Multiuser Transmission Scheme for Cellular Systems	Wei Xi, Hua Zhou	Fujitsu Research & Development Center Co., LTD., Beijing, China	
20160047	3D-1	ITS, LBS, Telematics	Feb. 1 (Mon)	15:00 ~ 16:30	Power Delay Profile Based Indoor Fingerprinting Localization System	Genming Ding, Pei Chen, Jun Tian, Qian Zhao	Fujitsu Research and Development Center Co., Ltd., Beijing, China	
20160050	7E-1	Network Management	Feb. 3 (Wed)	10:00 ~ 11:30	Minimization of Power Consumption in IP Networks	Seng-Kyoun Jo*,**, Young-Min Kim*, Namkyung Lee*, Jussi Kangasharju** and Max Muehlhaeuser**	*Electronics and Telecommunications Research Institute, Republic of Korea **Department of Computer Science, Technical University of Darmstadt, Germany ***Department of Computer Science, University of Helsinki, Finland	Must remove the page number on the paper
20160053	2A-1	Wireless Communication 2	Feb. 1 (Mon)	13:00 ~ 14:30	A novel multi-carrier waveform with high spectral efficiency: semi-orthogonal frequency division multiplexing	Fan Yang, Xin Wang	Fujitsu Research and Development Center Co., Ltd, Beijing, China	
20160054	2A-2	Wireless Communication 2	Feb. 1 (Mon)	13:00 ~ 14:30	Near Field Distance Awareness Algorithm using Bluetooth for Device Sociality Service	Joon-young Jung, Dong-oh Kang, Jang-ho Choi, Ok-gee Min	Electronics and Telecommunications Research Institute, Deajeon, Korea	
20160055	2A-3	Wireless Communication 2	Feb. 1 (Mon)	13:00 ~ 14:30	Channel Estimation Error Effects on Interference Alignment	Jinhyung Oh, Heon-Jin Hong	Electronic and Telecommunications Research Institute (ETRI) Daejeon, Republic of Korea	
20160056	2D-4	Web Service & Future Web 2	Feb. 1 (Mon)	13:00 ~ 14:30	Convergence and Inclusive Innovation in the Communications Sector	Kamarulzaman Ab. Aziz	Faculty of Management, Multimedia University, Persiaran Multimedia, Selangor, Malaysia	
20160057	1B-3	Ubiquitous & Sensor Network 1	Feb. 1 (Mon)	10:00 ~ 11:30	GLRM: An Improved Grid-based Load-balanced Routing Method for WSN with Single Controlled Mobile Sink	Qi Liu*, Kai Zhang*, Jian Shen*, Zhangjie Fu*, Nigel Linge**	*Nanjing University of Information Science and Technology, Nanjing, Jiangsu, China, **The University of Salford, Greater Manchester, UK	Must submit copyright.
20160058	2A-4	Wireless Communication 2	Feb. 1 (Mon)	13:00 ~ 14:30	A Method of Constellation Blind Detection for Spectrum Efficiency Enhancement	Jian Zhang, Xin Wang, and Xianjun Yang	Fujitsu Research and Development Center Co., Ltd., Beijing P.R. China	
20160059	6C-1	Software Platform & Smart Service 1	Feb. 2 (Tue)	15:00 ~ 16:30	Feature Tendency Based Location Prediction in LBSNs	Zi Xing, Hui Tian, Tu Chen, Jing Zhang	Beijing University of Posts and Telecommunications, Beijing, China	
20160060	4D-2	Big Data & Search Engine 1	Feb. 2 (Tue)	10:00 ~ 11:30	Adaptive Spectral Co-clustering for Multiview Data	Jeong-Woo Son, Junekey Jeon, Sang-Yun Lee, Sun-Joong Kim	Intelligent Convergence Technology Research Department Broadcasting & Telecommunications Media Research Laboratory Electronics and Telecommunications Research Institute	
20160061	6A-4	Mobile Communication 1	Feb. 2 (Tue)	15:00 ~ 16:30	New Security Login System Using Tap and Gesture on Smartphone Touchscreen	KiHwan Kim, Bruce Ndibanje, SuHyun Park, HoonJae Lee	Graduate School of Dongseo University, Busan, Korea	
20160063	2E-1	Distributed & Cloud Computing 2	Feb. 1 (Mon)	13:00 ~ 14:30	A Smart Speculative Execution Strategy based on Node Classification for Heterogeneous Hadoop Systems	Qi Liu*, Weidong Cai*, Jian Shen*, Zhangjie Fu*, Nigel Linge**	*Nanjing University of Information Science and Technology, Nanjing, Jiangsu, China, **The University of Salford, Greater Manchester, UK	Must submit copyright.
20160064	4B-1	Future Internet & Optical Network 1	Feb. 2 (Tue)	10:00 ~ 11:30	Analytical Model of Chromatic Dispersion Effect in the Time Domain	Mikhail Meltenisov, Aleksandr Matukhin	The Bonch-Bruevich Saint-Petersburg State University of Telecommunications, Saint-Petersburg, Russia	
20160065	1D-2	Web Service & Future Web 1	Feb. 1 (Mon)	10:00 ~ 11:30	Self-Configuration and Smart Binding Control on IoT Applications	Wen-Kuei Hsieh*, Wen-Hsu Hsieh*,**, Jiann-Liang Chen**, Chun-Yi Lin**	*De Lin Institute of Technology, New Taipei, Taiwan, **National Taiwan University of Science and Technology, Taipei, Taiwan	
20160066	5A-5	Wireless Communication 5	Feb. 2 (Tue)	13:00 ~ 14:30	SDR-based frequency interference analysis test-bed considering time domain characteristics of interferer	Jin-Soo Park*, Hyungoo Yoon**, Byung-Jun Jang*	*Kookmin University, Seoul, Republic of Korea, **Myongji College, Seoul, Republic of Korea	
20160067	2E-5	Distributed & Cloud Computing 2	Feb. 1 (Mon)	13:00 ~ 14:30	A Distributed Architecture for Rule Engine to Deal with Big Data	Siyuan Zhu, Hai Huang, Lei Zhang	Beijing University and Telecommunications ,China	
20160068	1B-4	Ubiquitous & Sensor Network 1	Feb. 1 (Mon)	10:00 ~ 11:30	Analysis of Packet Flooding in Dense MANETs using a Probabilistic Model	S. J. Sooriyaarachchi*, W. A. C. Fernando**, C. D. Gamage*	*University of Moratuwa, Sri Lanka, **Centre for Vision Speech and Signal Processing (CVSSP), University of Surrey, Guildford	
20160069	1C-2	Information & Network Security 1	Feb. 1 (Mon)	10:00 ~ 11:30	An Authorized Identity Authentication-based Data Access Control Scheme in Cloud	Jian Shen, Dengzhi Liu, Qi Liu, Baowei Wang, Zhangjie Fu	Nanjing University of Information Science & Technology, China	
20160070	4B-2	Future Internet & Optical Network 1	Feb. 2 (Tue)	10:00 ~ 11:30	DNSNA: DNS Name Autoconfiguration for Internet of Things Devices	Sejun Lee*, Jaehoon (Paul) Jeong* and Jung-Soo Park**	*Sungkyunkwan University, Republic of Korea, **Electronics and Telecommunications Research Institute, Republic of Korea	Must add authors biography on the paper

20160072	3A-1	Wireless Communication 3	Feb. 1 (Mon)	15:00 ~ 16:30	Centralized Channel Allocation Scheme in Densely Deployed 802.11 Wireless LANs	Tae Hun Lim*, Wha Sook Jeon*, Dong Geun Jeong**	*Seoul National University, Korea, **Hankuk University of Foreign Studies, Korea	
20160073	5C-1	e-services & WorkFlow	Feb. 2 (Tue)	13:00 ~ 14:30	A Secure and Flexible e-Health Access Control System with Provisions for Emergency Access Overrides and Delegation of Access Privileges	M. Fahim Ferdous Khan*, Ken Sakamura**	*Interfaculty Initiative in Information Studies, The University of Tokyo, Tokyo, Japan, *YRP Ubiquitous Networking Laboratory, Tokyo, Japan	
20160075	1C-5	Information & Network Security 1	Feb. 1 (Mon)	10:00 ~ 11:30	Integrated Trusted Protection Technologies for Industrial Control Systems	Jingpei Wang, Jie Liu, Shengming Yang	Information Security Research Center, China CEPREI Laboratory, Guangzhou, China	
20160076	3A-2	Wireless Communication 3	Feb. 1 (Mon)	15:00 ~ 16:30	Gridless Sparse Reconstruction for the Cyclic Autocorrelation Estimation	Xushan Chen, Xiongwei Zhang, Jibin Yang, Lin Qiao	PLA University of Science and Technology, Nanjing China	
20160077	6E-2	Application & Biometric Security	Feb. 2 (Tue)	15:00 ~ 16:30	EnCase Forensic Technology for Decrypting Stenography Algorithm applied in the PowerPoint file	HyunHo Kim, Ndibanje Bruce, SuHyun Park, HoonJae Lee	Dongseo University, Korea	
20160078	1C-3	Information & Network Security 1	Feb. 1 (Mon)	10:00 ~ 11:30	A Study on Information Security Attack based Side-Channel Attacks	Young-Jin Kang, Ndibanje Bruce, SuHyun Park, HoonJae Lee	Dongseo University, Busan, Rep. of KOREA	Must add authors biography on the paper
20160080	2E-2	Distributed & Cloud Computing 2	Feb. 1 (Mon)	13:00 ~ 14:30	Load Balancing Algorithm Based on Estimating Finish Time of Services in Cloud Computing	Nguyen Khac Chien*, Nguyen Hong Son**, Ho Dac Loc***	*University of the People's Police, Ho Chi Minh city, Viet Nam, **Post and Telecommunication Institute of Technology, Ho Chi Minh city, Viet Nam, ***Ho Chi Minh City University of Technology, Ho Chi Minh city, Viet Nam	
20160081	1C-4	Information & Network Security 1	Feb. 1 (Mon)	10:00 ~ 11:30	A New Network Flow Grouping Method for Preventing Periodic Shrew DDoS Attacks in Cloud Computing	ZengGuang Liu*, XiaoChun Yin**, Hoon Jae LEE ***	* IP Platform Dept of MGC, Alcatel-Lucent, QingDao, China **WeiFang University of Science & Technology, ShouGuang, China ***Division of Computer and Engineering of Dongseo University, Korea	
20160082	4C-1	Information & Network Security 4	Feb. 2 (Tue)	10:00 ~ 11:30	E-mail Encryption Using Hybrid Cryptosystem Based on Android OS	Saranzaya Purevjav, TaeYang Kim, HoonJae Lee	Graduate School of Dongseo University, Korea	
20160083	2C-1	Information & Network Security 2	Feb. 1 (Mon)	13:00 ~ 14:30	A Reverse Engineering Approach of Obfuscated Array	WeiDing*,**, ZhiMinGu*	*Beijing Institute of Technology, Beijing, China, **Henan University of Technology, Zhengzhou, China	
20160085	2C-2	Information & Network Security 2	Feb. 1 (Mon)	13:00 ~ 14:30	A proposed Implementation Method of an Audio Steganography Technique	Mazhar Tayel, Ahmed Gamal, Hamed Shawky	Alexandria University, Egypt	
20160086	1D-5	Web Service & Future Web 1	Feb. 1 (Mon)	10:00 ~ 11:30	Retransmission Control Scheme for RDM Protocol for Lightning Control Networks	CRF Not Submitted	CRF Not Submitted	CRF Not Submitted
20160087	4A-6	Wireless Communication 4	Feb. 2 (Tue)	10:00 ~ 11:30	Iterative Receiver Algorithm for Millimeter Wave Mobile Hotspot Network System	Dae-Soon Cho, Il-Kyu Kim	Electronics and Telecommunication Research Institute	
20160088	2C-5	Information & Network Security 2	Feb. 1 (Mon)	13:00 ~ 14:30	General Identity Management Model for Big Data Analysis	Feng GAO*, Feng ZHANG**, Junjie XIA*, Zheng MA*	*Network Technology Research Institute, China Unicom, Beijing China, ** Academy of Information Science Innovation, CETC, Beijing China	
20160089	4B-3	Future Internet & Optical Network 1	Feb. 2 (Tue)	10:00 ~ 11:30	A Design and Implementation of 32-paths Parallel 256-Point FFT/IFFT for Optical OFDM systems	Hun-Sik Kang, Sun Hyok Chang, In-Ki Hwang, Joon-Ki Lee	ETRI, Daejeon, Korea	Must add authors biography on the paper
20160091	6A-5	Mobile Communication 1	Feb. 2 (Tue)	15:00 ~ 16:30	Efficient Doppler Mitigation for High-Speed Rail Communications	Bing Hui, Junhyeong Kim, Hee-Sang Chung, Il-Gyu Kim, Hoon Lee	Electronic and Telecommunications Research Institute, Daejeon Korea	
20160092	3A-3	Wireless Communication 3	Feb. 1 (Mon)	15:00 ~ 16:30	Interference Analysis between Korea's DVB-T2 and Japan's ITS using 700MHz frequency band	Ho-Kyung Son, Heon-Jin Hong	Electronic Telecommunication Research Institute, Daejon, Korea	
20160095	2E-3	Distributed & Cloud Computing 2	Feb. 1 (Mon)	13:00 ~ 14:30	A Study on User-level Remote Memory Extension System	Shinyoung Ahn, Gyuil Cha, Youngho Kim, Eunji Lim, Seungjo Bae, Won-Young Kim	ETRI, South Korea	
20160097	4E-1	Distributed & Cloud Computing 4	Feb. 2 (Tue)	10:00 ~ 11:30	Integrated Management System for Distributed Micro-Datacenters	Byeongsik Kim, Bhumchul Lee	Electronics and Telecommunications Research Institute (ETRI), Daejeon, KOREA	
20160100	6C-5	Software Platform & Smart Service 1	Feb. 2 (Tue)	15:00 ~ 16:30	An Energy Management Framework for Smart Factory based on Context-awareness	Hyunjeong Lee, Sangkeun Yoo, Yong-Woon Kim	Protocol Engineering Center Future Research Creative Laboratory, ETRI	

20160107	3A-4	Wireless Communication 3	Feb. 1 (Mon)	15:00 ~ 16:30	Performance Comparison of Multipath Channel Estimation Algorithms with 28 GHz Channel Measurements	Jinyi LIANG, Juyul LEE, Myung-Don KIM, Jae-Joon PARK, Bonghyuk PARK	ETRI (Electronics and Telecommunications Research Institute), Daejeon, Korea	
20160109	2C-3	Information & Network Security 2	Feb. 1 (Mon)	13:00 ~ 14:30	An Introduction to Network Address Shuffling	Guilin Cai, Baosheng Wang, Xiaofeng Wang, Yulei Yuan, Sudan Li	National University of Defense Technology, Changsha, China	
20160110	1B-5	Ubiquitous & Sensor Network 1	Feb. 1 (Mon)	10:00 ~ 11:30	An Efficient Detection Method for Unknown Wireless Devices using SDR Receivers	Hong-Soon Nam*, Dae-Young Kim**, Jong Won Park**	*Electronics and Telecommunications Research Institute, Daejeon, Korea, **Chungnam National University, Daejeon, Korea	
20160112	6C-4	Software Platform & Smart Service 1	Feb. 2 (Tue)	15:00 ~ 16:30	Feasibility of BMI improvement applying a Stroop effect	Shun KANETA, Isamu WAKABAYASHI, Takayuki KAWAHARA	TUS (Tokyo University of Science), Japan	
20160113	7B-1	Systems & Software Engineering	Feb. 3 (Wed)	10:00 ~ 11:30	Evaluation of Manycore Operating Systems	Biruk Y. Nidaw, Ziho Shin, Jung Sung In, Kim Young Woo	ETRI, Daejeon, Korea	
20160114	7A-1	Mobile Communication 2	Feb. 3 (Wed)	10:00 ~ 11:30	Multipath Division Multiple Access for 5G Cellular System based on Massive Antennas in Millimeter Wave Band	Wei-Han Hsiao, Chia-Chi Huang	National Chiao Tung University, Hsinchu, Taiwan, ROC	
20160115	4D-3	Big Data & Search Engine 1	Feb. 2 (Tue)	10:00 ~ 11:30	Effects of Selection of a Reference View on Quality Improvement of Hybrid 3DTV	Min-Suk Bang*, Ji-Won Kim*, Sung-Hoon Kim**, Ki-Doo Kim*, and Kyeong-Hoon Jung*	*Kookmin University, Seoul, Korea, **ETRI, Daejeon, Korea	
20160117	4D-4	Big Data & Search Engine 1	Feb. 2 (Tue)	10:00 ~ 11:30	Comparison of episodes of mosquito borne disease: Dengue, Yellow Fever, West Nile, and Filariasis with Decision tree, Apriori Algorithm	Seung Hye Song*, Yijeong Choi*, Taeseon Yoon**	*Hankuk Academy of Foreign Studies, Wangsanri Yongin, Republic of Korea, **Korea University, Anamdong Seoul, Republic of Korea	Must add authors biography on the paper
20160118	2C-4	Information & Network Security 2	Feb. 1 (Mon)	13:00 ~ 14:30	Characterizing the Running Patterns of Moving Target Defense Mechanisms	Guilin Cai, Baosheng Wang, Yuebin Luo, Sudan Li, Xiaofeng Wang	National University of Defense Technology, Changsha, China	
20160119	5B-4	Future Internet & Optical Network 2	Feb. 2 (Tue)	13:00 ~ 14:30	A Design of Alias Naming Scheme for Namespace in Named Data Networking	Euihyun Jung	Anyang University, Incheon, Korea	
20160120	4B-4	Future Internet & Optical Network 1	Feb. 2 (Tue)	10:00 ~ 11:30	Design of Nano-Photonic Phased-Array Antennas for Wide-Angle Beam-Steering	CRF Not Submitted	CRF Not Submitted	CRF Not Submitted
20160121	4E-5	Distributed & Cloud Computing 4	Feb. 2 (Tue)	10:00 ~ 11:30	An Adaptive Tuning Strategy on Spark Based on In-memory Computation Characteristics	Yao Zhao, Fei Hu, Haopeng Chen	Shanghai Jiao Tong University, Shanghai, China	
20160122	4D-5	Big Data & Search Engine 1	Feb. 2 (Tue)	10:00 ~ 11:30	Uncovering semantic relations conveyed by Russian prepositions	Varvara Mikhailova*, Anastasia Mochalova**, Vladimir Mochalov**, ***, Victor Zakharov*	*St Petersburg State University, Russia, **Institute of Cosmophysical Research and Radio Wave Propagation FEB RAS, Russia, ***Vitus Bering Kamchatka State University, Russia, *** Megaputer Intelligence, Russia	Must submit copyright.
20160124	3B-1	Ubiquitous & Sensor Network 3	Feb. 1 (Mon)	15:00 ~ 16:30	Live Substance in Cyberspace - Biodriver System	Ruslan Kirichek*, Rustam Pirmagomedov*, Ruslan Glushakov**, Andrey Koucheryavy*	*St.Petersburg State University of Telecommunication, Russia, **Military Medical Academy, St.Petersburg, Russia	
20160125	6D-5	Big Data & Search Engine 3	Feb. 2 (Tue)	15:00 ~ 16:30	Spam Filtering of Bi-Lingual Tweets Using Machine Learning	Hammad Afzal*, Kashif Mehmood*	*National University of Sciences and Technology, Islamabad, Pakistan	
20160132	6B-1	Future Internet & Optical Network 3	Feb. 2 (Tue)	15:00 ~ 16:30	Time-based Forwarding Control in Content Centric Networking	Wonjun Choi*, Ramneek*, Woojin Seok**	*Korea University of Science and Technology, Daejeon, Rep. of KOREA, **Korea Institute of Science and Technology Information, Daejeon, Rep. of KOREA	
20160133	7A-2	Mobile Communication 2	Feb. 3 (Wed)	10:00 ~ 11:30	Spectral Efficiency Evaluation for Non-Orthogonal Multiple Access in Rayleigh Fading	Pongsatorn Sedtheetorn, Tatcha Chulajata	Mahidol University, Salaya, Nakornpathom, Thailand	
20160134	7A-3	Mobile Communication 2	Feb. 3 (Wed)	10:00 ~ 11:30	Uplink Spectral Efficiency for Non-Orthogonal Multiple Access in Rayleigh Fading	Pongsatorn Sedtheetorn, Tatcha Chulajata	Mahidol University, Salaya, Nakornpathom, Thailand	
20160136	2B-1	Ubiquitous & Sensor Network 2	Feb. 1 (Mon)	13:00 ~ 14:30	Research on The Credibility of Wireless Sensor Networks in Multi Dimensional Data	WANG Guotao, SHI Zhenguo, WU Xiaojing	Nantong University, Nantong, Jiangsu, China	
20160137	3A-5	Wireless Communication 3	Feb. 1 (Mon)	15:00 ~ 16:30	Experimental Validation of Multipoint Joint Processing of Range Measurements via Software-Defined Radio Testbed	Georgy Mashkov, Eugene Borisov, Grigorii Fokin	State University of Telecommunication, 22 Prospekt Bolshevikov, St. Petersburg, Russia	

20160138	4A-1	Wireless Communication 4	Feb. 2 (Tue)	10:00 ~ 11:30	Compact Size, Equal-Length And Unequal-Width Substrate Integrated Waveguide Phase Shifter	Masoud Khoubroo Eslamloo, Pejman Mohammadi	Urmia Branch, Islamic Azad University, Urmia, Iran	
20160139	2B-2	Ubiquitous & Sensor Network 2	Feb. 1 (Mon)	13:00 ~ 14:30	An Energy-Efficient Compression Algorithm for Spatial Data in Wireless Sensor Networks	Beihua Ying	Ningbo Institute of Technology, Zhejiang University, Ningbo, Zhejiang, China	
20160140	4C-2	Information & Network Security 4	Feb. 2 (Tue)	10:00 ~ 11:30	The Life Cycle of Vulnerabilities in the Representations of Software for Telecommunication Devices	Mikhail Buinevich, Konstantin Izrailov, Andrei Vladyko	The Bonch-Bruevich Saint-Petersburg State University of Telecommunications, Russian Federation	
20160142	3E-1	Distributed & Cloud Computing 3	Feb. 1 (Mon)	15:00 ~ 16:30	Fault Localization in NFV Framework	Byung Yun Lee, Bhum Cheol Lee	ETRI(Electronics and Telecommunications Research Institute), Korea	
20160143	6C-2	Software Platform & Smart Service 1	Feb. 2 (Tue)	15:00 ~ 16:30	Emergency Alerting System for Supporting Power-Efficient Set-Top Boxes	Sang-Gu Jeong*, **, Hyunho Park**, Yong-Tae Lee*, **	*University of Science and Technology (UST), South Korea **Electronics and Telecommunications Research Institute (ETRI), South Korea	
20160144	5D-4	Big Data & Search Engine 2	Feb. 2 (Tue)	13:00 ~ 14:30	An adaptive approximation for Gaussian wavelet kernel	Young-Mok Ha*, Ji Won Yoon**	*Electronics and Telecommunications Research Institute (ETRI), Republic of Korea, **Korea University, Republic of Korea	
20160146	3C-1	Information & Network Security 3	Feb. 1 (Mon)	15:00 ~ 16:30	Defend against Internet Censorship in Named Data Networking	Xingmin Cui*, Yu Hin Tsang*, Lucas C.K.Hui*, S.M.Yiu*, Bo Luo**	*The University of Hong Kong, Hong Kong, **Beijing University of Posts and Telecommunications, China	
20160147	2B-3	Ubiquitous & Sensor Network 2	Feb. 1 (Mon)	13:00 ~ 14:30	A Smart Home Control System based on Context and Human Speech	Yoonseon Han, Jonghwan Hyun, Taeyeol Jeong, Jae-Hyoung Yoo, James Won-Ki Hong	POSTECH, Pohang, South Korea	Must add Keyword and authors biography on the paper
20160148	5D-1	Big Data & Search Engine 2	Feb. 2 (Tue)	13:00 ~ 14:30	Analysis of Transmission Route of MERS Coronavirus Using Decision Tree and Apriori	Donghyun Kim, Soyoung Hong, Sungwoo Choi and Taeseon Yoon	Hankuk Academy of Foreign Studies, Yongin, Republic of Korea	
20160149	3E-6	Distributed & Cloud Computing 3	Feb. 1 (Mon)	15:00 ~ 16:30	ASC: Improving Spark Driver Performance with Automatic Spark Checkpoint	Wei Zhu, Haopeng Chen, Fei Hu	Shanghai Jiao Tong University, 800 Dongchuan Road, Shanghai, China	Must add authors biography on the paper
20160150	5D-2	Big Data & Search Engine 2	Feb. 2 (Tue)	13:00 ~ 14:30	Gathering User Reviews for an Opinion Dictionary	Jun Kikuchi, Vitaly Klyuev	University of Aizu, Aizu-Wakamatsu City, Fukushima, Japan	
20160152	7B-2	Systems & Software Engineering	Feb. 3 (Wed)	10:00 ~ 11:30	Probabilistic Risk Assessment of Multi-State Systems Based on Bayesian Networks	Jie Cao*, Baoqun Yin*, Xiaonong Lu**	*University of Science and Technology of China, Hefei, China, **Hefei University of Technology, Hefei, China	
20160153	7E-2	Network Management	Feb. 3 (Wed)	10:00 ~ 11:30	A Survey of QoS Support, Performance and Pricing of Mobile Data Plans in the USA and Korea	Ramneek*, **, Patrick Hosein***, Wonjun Choi*, **, Woojin Seok**	*Korea University of Science and Technology, Daejeon, Korea, **Korea Institute of Science and Technology Information (KISTI), Daejeon, Korea, ***The University of the West Indies, Trinidad and Tobago	
20160155	3E-2	Distributed & Cloud Computing 3	Feb. 1 (Mon)	15:00 ~ 16:30	A Method of Logically Time Synchronization for Safety-critical Distributed System	Jeman Park, Taeho Kim	Electronics and Telecommunications Research Institute (ETRI), Daejeon, Republic of Korea	
20160157	7E-4	Network Management	Feb. 3 (Wed)	10:00 ~ 11:30	Financial Benefit Analysis of Macro-Femto Network Structures Based on TCO Approach	CRF Not Submitted	CRF Not Submitted	CRF Not Submitted
20160158	3B-2	Ubiquitous & Sensor Network 3	Feb. 1 (Mon)	15:00 ~ 16:30	Development of a Node-positioning Algorithm for Wireless Sensor Networks in 3D Space	Ruslan Kirichek*, Ilya Grishin*, Darina Okuneva*, Michail Falin**	*St.Petersburg State University of Telecommunication, Russia **St.Petersburg National Research University of Information Technologies, Mechanics and Optics, Russia	
20160164	7B-3	Systems & Software Engineering	Feb. 3 (Wed)	10:00 ~ 11:30	Adaptive Filter Application for the Safety of Detecting Lung Sound on Ambulance	Bing-Yuh Lu*,**, Chi Wang*, Hung-Wen Hung*, Meng-Lun Hsueh***, Jin-Shin Lai****	*Tungnan University, New Taipei City, Taiwan, Republic of China, **National Taipei University of Business, Taipei, Taiwan, Republic of China, ***Hwa-Hsa University of Science Technology, New Taipei City, Taiwan, Republic of China, ****National Taiwan University Hospital, Taiwan, Republic of China	Must add authors biography on the paper
20160165	5D-5	Big Data & Search Engine 2	Feb. 2 (Tue)	13:00 ~ 14:30	Literature Search Framework by Analyzing Key Aspects	Zhuyue Si, Gaokun Dai, Zhendong Niu	Beijing Institute of Technology Beijing, China	
20160169	7E-3	Network Management	Feb. 3 (Wed)	10:00 ~ 11:30	Performance Analysis of Multi-Server based on Processor-Sharing Queue	Xiaofeng Zhang, Baoqun Yin, Hao Shi	Department of Automation University of Science and Technology of China, Hefei, China	
20160170	1D-3	Web Service & Future Web 1	Feb. 1 (Mon)	10:00 ~ 11:30	Decision Support Tool for IoT Service Providers for utilization of multi Clouds	Mohammad Mahdi Kashef, Hyenyoung Yoon, Mehdi Keshavarz, Junseok Hwang	Seoul National University	

20160171	1D-4	Web Service & Future Web 1	Feb. 1 (Mon)	10:00 ~ 11:30	The Home Network Traffic Models Investigation	Ruslan Kirichek, Margarita Golubeva, Vyacheslav Kulik, Andrey Koucheryavy	St.Petersburg State University of Telecommunication, Russia	
20160172	6D-1	Big Data & Search Engine 3	Feb. 2 (Tue)	15:00 ~ 16:30	A recommendation system based on objects of the interest	Sung-Woo Byun*, So-Min Lee*, Seok-Pil Lee*, Kwang-Yong Kim**, Cho Kee-Seong**	*Sangmyung University, Seoul, Korea **Electronics and Telecommunications Research Institute (ETRI), Daejeon, Korea	
20160173	3E-3	Distributed & Cloud Computing 3	Feb. 1 (Mon)	15:00 ~ 16:30	A Streaming Graph Partitioning Approach on Imbalance Cluster	Yang Cao, Ruonan Rao	SJTU(Shanghai Jiao Tong University), Minhang, Shanghai, China	Must add authors biography on the paper
20160175	4E-2	Distributed & Cloud Computing 4	Feb. 2 (Tue)	10:00 ~ 11:30	Method for providing reliable peer activity report for managed P2P communications	Wook Hyun*, JuYoung Park*	* ETRI (Electronics and Telecommunications Research Institute), Korea	
20160176	6C-3	Software Platform & Smart Service 1	Feb. 2 (Tue)	15:00 ~ 16:30	Prospect of the Next-generation digital content industry: Three perspective approach to the User acceptance of the Realistic content technology	Hyungjin PARK, Hyenyoung YOON, Junseok HWANG	Seoul National University, Korea	
20160177	4A-2	Wireless Communication 4	Feb. 2 (Tue)	10:00 ~ 11:30	Weighted Conflict-Aware Channel Assignment in 802.11-based Mesh Networks	Changryeol Lee, Donghoon Shin, Sunghee Choi	Korea Advanced Institute of Science and Technology, Daejeon, Republic of Korea	
20160178	7C-1	Software Platform & Smart Service 2	Feb. 3 (Wed)	10:00 ~ 11:30	Simulating Demography – Dynamics of Fertility Using a Multi Agent Model	Karandeep Singh Brar*, **, Mazhar Sajjad*, **, Euihyun Paik**, Chang-Won Ahn*, **	*Korea University of Science and Technology (UST), Daejeon, Korea, **Electronics and Telecommunication Research Institute (ETRI), Daejeon, Korea	
20160179	4A-3	Wireless Communication 4	Feb. 2 (Tue)	10:00 ~ 11:30	Perceptual Spectrum Waterfall of Pattern Shape Recognition Algorithm	Wencheng Chen, Xiangming Wen	Beijing University of Posts and Telecommunications, Beijing, China	Must add authors biography on the paper
20160180	6B-2	Future Internet & Optical Network 3	Feb. 2 (Tue)	15:00 ~ 16:30	An Algorithm for Home Energy Management Using Environmental Conditions	Eun soon ki, Jeong Sik Kim, Seung Min Ryu, Seong Gon Choi	Chungbuk National University, Korea	
20160181	6B-3	Future Internet & Optical Network 3	Feb. 2 (Tue)	15:00 ~ 16:30	Supply and Demand Management System based on Consumption Pattern Analysis and Tariff for Cost Minimization	Sang Ju Lee, Hyeon Yang, Jeong Sik Kim, Seong Gon Choi	Chungbuk National University, Korea	
20160182	6B-4	Future Internet & Optical Network 3	Feb. 2 (Tue)	15:00 ~ 16:30	A New Signaling System For Efficient Packet Transmission Using New Gateway System	Hyeon Yang *, Sang Ju Lee*, Noik Park**, Changki Kim**, Seong Gon Choi*	*Chungbuk National University, Korea, **ETRI, Korea	
20160183	7C-4	Software Platform & Smart Service 2	Feb. 3 (Wed)	10:00 ~ 11:30	An Efficient Algorithm for Detecting Traffic Congestion and a Framework for Smart Traffic Control System	Md. Rokebul Islam, Nafis Ibn Shahid, Dewan Tanzim ul Karim, Abdullah Al Mamun, Dr. Md. Khalilur Rhaman	BRAC University, Dhaka, Bangladesh	
20160184	3B-3	Ubiquitous & Sensor Network 3	Feb. 1 (Mon)	15:00 ~ 16:30	Wireless Sensor Networks with Temporary Cluster Head Nodes	Abdo FUTAHI, Alexander PARAMONOV, Andrey KOUCHERYAVY	Saint-Petersburg State University of Telecommunications, Russia	
20160185	7A-4	Mobile Communication 2	Feb. 3 (Wed)	10:00 ~ 11:30	sounding reference signal measurement in LTE system	Eunjeong Shin*, Jeawook Shin**	*ETRI(Electronics and Telecommunications Research Institute), Korea, **ETRI(Electronics and Telecommunications Research Institute), Korea	
20160186	1D-1	Web Service & Future Web 1	Feb. 1 (Mon)	10:00 ~ 11:30	Model Networks for Internet of Things and SDN	Ruslan Kirichek, Andrei Vladyko, Maxim Zakharov, Andrey Koucheryavy	St.Petersburg State University of Telecommunication, Russia	
20160187	2D-1	Web Service & Future Web 2	Feb. 1 (Mon)	13:00 ~ 14:30	False Clouds for Internet of Things and Methods of Protection	Ruslan Kirichek, Vyacheslav Kulik, Andrey Koucheryavy	St.Petersburg State University of Telecommunication, Russia	
20160188	3D-5	ITS, LBS, Telematics	Feb. 1 (Mon)	15:00 ~ 16:30	Object Tracking and Identification using a camera in Digital Signage	CRF Not Submitted	CRF Not Submitted	CRF Not Submitted
20160189	3B-4	Ubiquitous & Sensor Network 3	Feb. 1 (Mon)	15:00 ~ 16:30	Functional scheme of the environment monitoring systems architecture design	Mochalov V.A.*,**, Mochalova A.V.*, Chowkwale B.***, Homutov S.U.*	*Institute of Cosmophysical Research and Radio Wave Propagation FEB RAS, Russia, **Vitus Bering Kamchatka State University, Russia, *** University of Pune, India	
20160190	1E-4	Distributed & Cloud Computing 1	Feb. 1 (Mon)	10:00 ~ 11:30	Analysis of Cloud Computing Attacks and Countermeasures	Raja Mohamed Jabir, Salam Ismail Rasheed Khanji, Liza Abdallah Ahmad, Omar Alfandi,Huwida Said	Zayed University, UAE	
20160191	2A-5	Wireless Communication 2	Feb. 1 (Mon)	13:00 ~ 14:30	Implementation of ZigBee-VLC system to support light control network configuration	Myung-Soon Kim, Il-Soon Jang, Sang-Kyu Lim, Tae-Kyu Kang	Electronics and Telecommunications Research Institute, Yuseong-gu, Daejeon, KOREA	

20160194	6D-2	Big Data & Search Engine 3	Feb. 2 (Tue)	15:00 ~ 16:30	Table based KNN for Categorizing Words	Taeho Jo	Inha University Incheon, South Korea	
20160195	5D-3	Big Data & Search Engine 2	Feb. 2 (Tue)	13:00 ~ 14:30	Table based AHC Algorithm for Clustering Words	Taeho Jo	Inha University Incheon, South Korea	
20160196	7D-1	Big Data & Search Engine 4	Feb. 3 (Wed)	10:00 ~ 11:30	Table based KNN for Extracting Keywords	Taeho Jo	Inha University Incheon, South Korea	
20160197	6D-3	Big Data & Search Engine 3	Feb. 2 (Tue)	15:00 ~ 16:30	Table based KNN for Index Optimization	Taeho Jo	Inha University Incheon, South Korea	
20160199	2D-5	Web Service & Future Web 2	Feb. 1 (Mon)	13:00 ~ 14:30	A Method for Co-existing Heterogeneous IoT Environments based on Compressive Sensing	CRF Not Submitted	CRF Not Submitted	CRF Not Submitted
20160200	4A-4	Wireless Communication 4	Feb. 2 (Tue)	10:00 ~ 11:30	Demodulation of 4x4 MIMO Signal using Single RF	Gweondo Jo, Hyoung-Oh Bae, Donghyuk Gwak, Jung-Hoon Oh	ETRI(Electronics and Telecommunications Research Institute), Korea	
20160202	6E-3	Application & Biometric Security	Feb. 2 (Tue)	15:00 ~ 16:30	Facial Expression Recognition Using Depth Information and Spatiotemporal Features	Md. Zia Uddin	Sungkyunkwan University, Seoul, South Korea	
20160203	3C-2	Information & Network Security 3	Feb. 1 (Mon)	15:00 ~ 16:30	City-level Geolocation Algorithm of Network Entities Based on Landmark Clustering	Guang Zhu, Xiangyang Luo, Fenlin Liu, Fan Zhao	Zhengzhou Science and Technology Institute, Zhengzhou, China	
20160204	7A-5	Mobile Communication 2	Feb. 3 (Wed)	10:00 ~ 11:30	An Mechanism to Access the Medical Information and a Modeling Approach For Medical Hazards	AAmir Shahzad*, Khaltar.B*, Malrey Lee*, Jae-Young Choi**, Naixue Xiong***	*Chon Buk National University, Jeonju, Chon Buk, Korea, **Sungkyunkwan University, Suwon, Korea, ***University of Shanghai for Science and Technology, Shanghai, China	Must add authors biography on the paper
20160205	7C-2	Software Platform & Smart Service 2	Feb. 3 (Wed)	10:00 ~ 11:30	Evaluation and Comparison of Performance Analysis of Indoor Inertial Navigation System Based on Foot Mounted IMU	Feyissa Woyano*,**, Soyeon Lee**, Sangjoon Park*,**	*Korea University of Science and Technology (UST) Daejeon, Korea, **ETRI, Daejeon, Korea	
20160206	1E-5	Distributed & Cloud Computing 1	Feb. 1 (Mon)	10:00 ~ 11:30	VirtAV: an Agentless Antivirus System based on In-Memory Signature Scanning for Virtual Machine	Hongwei Tang*,**,***, Shengzhong Feng*,***, Xiaofang Zhao**,***, Yan Jin **,***	*Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences, Shenzhen, China, **Institute of Computing Technology, Chinese Academy of Sciences, Beijing, China, ***University of Chinese Academy of Sciences, Beijing, China	
20160207	6A-6	Mobile Communication 1	Feb. 2 (Tue)	15:00 ~ 16:30	Data communication method based on inaudible sound at near field	Green Bang*, Myoungbeom Chung**, Ilju Ko*	*Soongsil University, Seoul, Korea, **Sungkyul University, Anyang City, Korea	
20160208	5C-2	e-services & WorkFlow	Feb. 2 (Tue)	13:00 ~ 14:30	A Dynamic Variable Exchange Method for Data-Intensive Workflow	Minjae Park *, Jin Ma**, Hyunah Kim***, Hyun Ahn***, Kwanghoon Pio Kim***	*BISTel, Inc., Seoul, South Korea, **National Institute of Supercomputing and Networking, KISTI, Daejeon, South Korea, ***Kyonggi University, Kyonggido, South Korea	
20160210	4E-4	Distributed & Cloud Computing 4	Feb. 2 (Tue)	10:00 ~ 11:30	DoCloud: An Elastic Cloud Platform for Web Applications Based on Docker	Chuanqi Kan	Shanghai Jiao Tong University, 800 Dongchuan Road, Shanghai, China	
20160211	3E-4	Distributed & Cloud Computing 3	Feb. 1 (Mon)	15:00 ~ 16:30	An Efficient Key Partitioning Scheme for Heterogeneous MapReduce Clusters	Muhammad Hanif, Choonhwa Lee	Hanyang University, Seoul, Republic of Korea	
20160213	6E-4	Application & Biometric Security	Feb. 2 (Tue)	15:00 ~ 16:30	Enhanced quantum multi-signature protocol based on controlled teleportation	Minghui Zhang, Huifang Li, Zhaoqiang Xia	Northwestern Polytechnical University, Xi'an, China	
20160214	5A-6	Wireless Communication 5	Feb. 2 (Tue)	13:00 ~ 14:30	Inter-chip Wireless Interconnect System over PCB Medium Channels	CRF Not Submitted	CRF Not Submitted	CRF Not Submitted
20160216	2E-4	Distributed & Cloud Computing 2	Feb. 1 (Mon)	13:00 ~ 14:30	A Modelling Method for Mapping the Relationships between Resources and Service Performance Based on I-ABC-ELM	Yan Gao, Si Wang, Bin Zhang, Mengzhu Lu, Xiaopei Wu	Northeastern University, Shenyang, Liaoning, China	
20160219	7D-4	Big Data & Search Engine 4	Feb. 3 (Wed)	10:00 ~ 11:30	A Design for Big Data Analysis System	Jin MA*, Jong-Suk Ruth LEE*, Kumwon CHO* and Minjae PARK **	*Korea Institute of Science and Technology Information, Daejeon, South Korea, **BISTel, Inc., Seoul, South Korea	
20160221	5C-3	e-services & WorkFlow	Feb. 2 (Tue)	13:00 ~ 14:30	How Inter-organizational Knowledge Sharing Drives National Cyber Security Awareness?: A Case Study in Indonesia	P.D. Persadha*,**, A.A. Waskita**,***, M.I. Fadhila**, A. Kamal**, S. Yazid**	*Communication and Information Security Research Center, Indonesia, **University of Indonesia, Indonesia, ***Center for Technology and Safety of Nuclear Reactor, National Nuclear Energy Agency, Indonesia	Must add authors biography on the paper

20160222	6D-4	Big Data & Search Engine 3	Feb. 2 (Tue)	15:00 ~ 16:30	Relevant Evidence Acquisition and Appraisal using Knowledge-intensive Queries	Muhammad Afzal, Sungyoung Lee	Kyung Hee University,Seocheon-dong, Republic of Korea	Must add Keyword and authors biography on the paper. Must change title size.
20160223	5C-5	e-services & WorkFlow	Feb. 2 (Tue)	13:00 ~ 14:30	Visualizing Correlations between BPM-Performers using Treemap	CRF Not Submitted	CRF Not Submitted	CRF Not Submitted
20160224	5C-4	e-services & WorkFlow	Feb. 2 (Tue)	13:00 ~ 14:30	Effective PPG Sensor Placement for Reflected Red and Green light, and Infrared Wristband-type Photoplethysmography	SeungMin Lee*, **, HyunSoon Shin**, ChanYoung Hahm**	*UST (University of Science and Technology), Korea, **ETRI(Electronics and Telecommunications Research Institute), Korea	
20160229	1A-5	Wireless Communication 1	Feb. 1 (Mon)	10:00 ~ 11:30	A Performance Analysis of MAC and PHY Layers in IEEE 802.11ac Wireless Network	Gul Zameen Khan*, Ruben Gonzalez*, Eun-Chan Park**	*Griffith University, Australia, **Dongguk University, South Korea	
20160231	4E-3	Distributed & Cloud Computing 4	Feb. 2 (Tue)	10:00 ~ 11:30	An Improved HDFS for Small File	Liu Changtong	Huazhong University of Science & Technology Wuhan, China	
20160232	3D-4	ITS, LBS, Telematics	Feb. 1 (Mon)	15:00 ~ 16:30	Multi-path based link-state routing mechanism	Jing Tao, Xianming Gao, Baosheng Wang, Xiaozhe Zhang, Shicong Ma	National University of Defense Technology, Changsha China	
20160233	3D-2	ITS, LBS, Telematics	Feb. 1 (Mon)	15:00 ~ 16:30	The Dynamical Model of Rotor Blade System	Liu Yi	Beijing Institute of Technology, Beijing, China	
20160237	3C-5	Information & Network Security 3	Feb. 1 (Mon)	15:00 ~ 16:30	Credibility Evaluation of Trust Models based on Fuzzy Quantization and AHP in Ad hoc Scene	Jingpei Wang, Jie Liu	China CEPREI Laboratory, Guangzhou, China	
20160238	3B-5	Ubiquitous & Sensor Network 3	Feb. 1 (Mon)	15:00 ~ 16:30	Tracking the sedentary lifestyle using smartphone: A Pilot Study	Muhammad Fahim*, Asad Masood Khattak**, Francis Chow**, Babar Shah**	*Istanbul Sabahattin Zaim University, Istanbul, Turkey, **Zayed University, United Arab Emirates,	
20160239	3D-3	ITS, LBS, Telematics	Feb. 1 (Mon)	15:00 ~ 16:30	Multi-Robot Multi-Task Allocation for Hospital Logistics	Seohyun Jeon, Jaeyeon Lee	ETRI, 218 Gajeongro, Yuseonggu, Daejeon, Korea	
20160240	5E-1	Distributed & Cloud Computing 5	Feb. 2 (Tue)	13:00 ~ 14:30	A Flexible FPGA-to-FPGA communication system	Wu An*, Xi Jin*, XueLiang Du**, Shuai Guo*	*University of Science and Technology of China, Hefei, China, **Chinese Academy of Science Institute of automation, Beijing, China	
20160243	7C-3	Software Platform & Smart Service 2	Feb. 3 (Wed)	10:00 ~ 11:30	A Caching Mechanism for FAT File System in Low-performance Embedded System	Jeaho Hwang, Kangheui Won	RTST, 218 Gajeong-ro, Yuseong-gu, Daejeon, Republic of Korea	
20160245	3C-3	Information & Network Security 3	Feb. 1 (Mon)	15:00 ~ 16:30	A Design of Unidirectional Security Gateway for Enforcement Reliability and Security of Transmission Data in Industrial Control Systems	Youngjun Heo, Byoungkoo Kim, Dongho Kang, Jungchan Na	Electronics and Telecommunications Research Institute	
20160246	5E-2	Distributed & Cloud Computing 5	Feb. 2 (Tue)	13:00 ~ 14:30	Tenant Based Dynamic Processor Mapping in the Cloud Network Function Virtualization System	Kang Il Choi, Bhum Cheol Lee	ETRI, Daejeon, Korea	
20160247	5A-1	Wireless Communication 5	Feb. 2 (Tue)	13:00 ~ 14:30	The research and optimization of AD-Hoc network localization algorithm based on the distance-assisted	Jiawei Wu	Tianjin university of commerce, Tianjin, China	
20160248	3C-4	Information & Network Security 3	Feb. 1 (Mon)	15:00 ~ 16:30	A Study of Cyber Security Policy in Industrial Control System using Data Diodes	Boo-Sun Jeon, Jung-Chan Na	ETRI(Electronics and Telecommunications Research Institute), South Korea	
20160249	4C-3	Information & Network Security 4	Feb. 2 (Tue)	10:00 ~ 11:30	Abnormal Traffic Filtering Mechanism for Protecting ICS Networks	Byoung-Koo Kim*,**, Dong-Ho Kang*, Jung-Chan Na*, Tai-Myoung Chung**	*Electronics and Telecommunications Research Institute (ETRI), Korea, **Sungkyunkwan University, Korea	
20160250	5A-2	Wireless Communication 5	Feb. 2 (Tue)	13:00 ~ 14:30	Robust and Fast Device Discovery in OFDMA-based Cellular Networks for Disaster Environment	Seung Beom Seo, Jae Young Kim, and Wha Sook Jeon	Seoul National University, Korea	
20160252	7D-2	Big Data & Search Engine 4	Feb. 3 (Wed)	10:00 ~ 11:30	Visual Fatigue Measurement Model Based on Multi-Area Variance in a Stereoscopy	Hyeong-jun Cho, Ghulam Hussain, Jin-hoon Park, Jong-hak Kim, Jun-dong Cho	Sungkyunkwan University, Korea	
20160253	5A-3	Wireless Communication 5	Feb. 2 (Tue)	13:00 ~ 14:30	Implementation and Optimization of AODV for Internet Connectivity	Bingying Cai*, Huimei Lu*, Yong Xiang**, Weitao Wang*, Jingbang Wu*, Rui Gao*	*Beijing Institute of Technology, Beijing, China, **Tsinghua University, Beijing, China	Must remove the page number on the paper

20160254	3E-5	Distributed & Cloud Computing 3	Feb. 1 (Mon)	15:00 ~ 16:30	Storage Speedup: An Effective Metric for I/O-intensive Parallel Application	Wei Hu, Guangming Liu, Qiong Li, Xiaofeng Wang, Wenrui Dong	National University of Defense Technology, Changsha, China	
20160255	5A-4	Wireless Communication 5	Feb. 2 (Tue)	13:00 ~ 14:30	AAaS: Area Approaching and Spray-and-Wait Routing Scheme for DTN in Android	Weitao Wang*, Huimei Lu*, Yong Xiang**, Bingying Cai*, Jingbang Wu*, Rui Gao*	*Beijing Institute of Technology, Beijing, China, **Tsinghua University, Beijing, China	Must remove the page number on the paper
20160256	5E-3	Distributed & Cloud Computing 5	Feb. 2 (Tue)	13:00 ~ 14:30	Effective QoS-aware Novel Resource Allocation Model for Body Sensor-Integrated Cloud platform	Mohammad Mehedi Hassan, Majed Alrubaian, Atif Alamri	King Saud University, Riyadh, KSA	
20160258	2D-2	Web Service & Future Web 2	Feb. 1 (Mon)	13:00 ~ 14:30	A Gateway based Fog Computing Architecture for Wireless Sensors and Actuator Networks	Wangbong Lee*, Kidong Nam*, Hak-Gyun Roh**, Sang-Ha Kim**	*Electronics and Telecommunication Research Institute, Daejeon, Republic of Korea, **Chungnam National University, Daejeon Korea	
20160259	2B-4	Ubiquitous & Sensor Network 3	Feb. 1 (Mon)	13:00 ~ 14:30	Quick Removing (QR) Approach using Cut-Through Switching Mode	Saad Allawi NSAIF, Semog KIM and Jong Myung RHEE	Myongji University, Yongin-si, South Korea	
20160260	6E-5	Application & Biometric Security	Feb. 2 (Tue)	15:00 ~ 16:30	General Authentication Scheme in User-Centric IdM	Seung-Hyun Kim, Soo-Hyung Kim	Electronics and Telecommunication Research Institute, Daejeon, Republic of Korea	
20160261	7D-3	Big Data & Search Engine 4	Feb. 3 (Wed)	10:00 ~ 11:30	Social Simulation: The Need of Data-Driven Agent-Based Modelling Approach	Mazhar Sajjad*,**, Karandeep Singh*,**, Euihyun Paik*, Chang-Won Ahn*,**	*Korea University of Science and Technology (UST), Korea, **Electronics and Telecommunication Research Institute (ETRI), Korea Daejeon, Korea	
20160262	7B-4	Systems & Software Engineering	Feb. 3 (Wed)	10:00 ~ 11:30	Investigation of Software Maintainability Prediction Models	Aida Shafiabady, Mohd Naz'ri Mahrin, Masoud Samadi	Universiti Teknologi Malaysia, Jalan Semarak, Kuala Lumpur, Malaysia	
20160263	5E-4	Distributed & Cloud Computing 5	Feb. 2 (Tue)	13:00 ~ 14:30	NLSS: A Near-Line Storage System Design Based on the Combination of HDFS and ZFS	Wei Hu*,**, Guangming Liu*,**, Yanqing Liu*, Junlong Liu*, Xiaofeng Wang*	*College of Computer, National University of Defence Technology, Changsha, China, **National Supercomputer Center in Tianjin, Tianjin, China	
20160266	2D-3	Web Service & Future Web 2	Feb. 1 (Mon)	13:00 ~ 14:30	A Process-Aware Goal Description Language for the Internet of Things Community Computing Environments	Meesun Kim, Hyun Ahn, Kwanghoon Pio Kim	KYONGGI UNIVERSITY, Suwon-si Kyonggi-do, 16227, South Korea	Must remove the page number on the paper
20160269	4C-4	Information & Network Security 4	Feb. 2 (Tue)	10:00 ~ 11:30	General Identity Management Model for Big Data Analysis	Feng GAO*, Feng ZHANG**, Junjie XIA*, Zheng MA*	*Network Technology Research Institute, China Unicom, Beijing China, ** Academy of Information Science Innovation, CETC, Beijing China	