

ICACT2019 Final Program in Paper Number Order - 25, January, 2019

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**** This is the final presentation schedule and can not be modified. All speakers are required to present on time.**

PaperNo	Session	Session Title	Date	Paper Title	Author(s)	Organization(s)	CRF compliance check
20190007	2E-01	OpenFlow, Future Web, IoT	18-Feb-19	Internet Of Things (IOT) Cybersecurity based on the Hybrid Cryptosystem	Ming-Shen Jian, Yu-En Cheng, Chen-Han Shen	National Formosa University, Taiwan	OK
20190011	1C-01	Block chain & Cryptocurrency 1	18-Feb-19	A High-Performance Parallel Computation Hardware Architecture in ASIC of SHA-256 Hash	Xiaoyong Zhang*, Ruizhen WU*, Mingming Wang*, Lin Wang*	*Intel Mobile Communications Technology (Xi'an) Ltd, Xi'an Shaanxi Province China	OK
20190015	2A-01	Wireless Communication 2	18-Feb-19	Cross-correlation index and multiple-access performance of even-degree Gold codes	Olanrewaju Bola Wojuola	North-West University, South Africa	OK
20190017	4A-01	Wireless Communication 4	19-Feb-19	Optimal Threshold Analysis for Triggering Fail-Safe Mechanism in Vehicular Ad Hoc Networks	Kumar Sharshembiev*, Seong-Moo Yoo*, Yong-Kab Kim**, Geun-Ho Jeong**	*The University of Alabama in Huntsville, USA, **Wonkwang University, Korea	OK
20190018	5C-01	Information & Network Security 2	19-Feb-19	Counterfeit Fingerprint Detection of Outbound HTTP Traffic with Recurrent Neural Network	Chi-Kuan Chiu*, Te-En Wei**, Hsiao-Hsien Chang*, Ching-Hao Mao*	*CyberTrust Technology Institute, Institute for Information Industry, **National Taiwan University of Science and Technology, Taiwan	OK
20190020	3A-01	Wireless Communication 3	19-Feb-19	Fairness based Power Allocation Optimization in Dense Full Duplex D2D Networks	Zhenwei ZHANG*, Hua QU*, Jihong ZHAO**, Zhirong LUAN*	*Xi'an Jiaotong University, **Xi'an University of Posts and Telecommunications, China	OK
20190021	6D-01	Process mining & e-Services 2	20-Feb-19	Proposition of Health Care System Driven by IoT and KMS for Remote Monitoring of Patients in Rural Areas: Pediatric Case	Kéba GUEYE *, Bessan M. DEGBOE *, Samuel OUYA*, Ngartabé KAG-TEUBE	*University Cheikh Anta Diop of Dakar, Senegal	OK
20190024	4A-02	Wireless Communication 4	19-Feb-19	IEEE 802.15.4 Historical Evolution and Trends	Alberto Gallegos Ramonet, Taku Noguchi	College of Information Science and Engineering Ritsumeikan University, Japan	OK
20190028	2C-01	Block chain & Cryptocurrency 2	18-Feb-19	New Function and Configuration of Future Network for Blockchain Platform Operation	Suyeon KIM*, Chang Su LEE**, Hyun K. KAHNG**	*Keimyung University, **Korea University, Korea	OK
20190030	3D-01	Smart City, ERP, CRM, SCM 1	19-Feb-19	The Service Scenario of Road Environment Improvement Based on Crowd Sourcing for Smart City	Seung Han Choi*, Seok Bong Yoo*, Deock Gu Jee*, Mi Kyong Han*	*Electronics and Telecommunications Research Institute, Korea	Author Profile Missing in the Final Full Paper
20190032	1D-01	Web Service & Computational Thinking	18-Feb-19	Effect of AI Recommendation System on the Consumer Preference Structure in e-Commerce: Based on Two types of Preference	Namjun CHA*, Hosoo CHO*, Sangman LEE*, Junseok HWANG*	*Seoul National University, Korea	OK
20190034	1A-01	Wireless Communication 1	18-Feb-19	A Novel Throughput and Collision for City Environment in V2V Communication	Mohammed Abdulhakim Al-Absi*, Ahmed Abdulhakim Al-Absi**, Hoon Jae Lee*, ByungGook Lee*	*Dongseo University, **Kyungdong University, Korea	OK
20190040	4B-01	Industry 4.0, AI, Big Data 1	19-Feb-19	Interactive AI for Linguistic Education Built on VR Environment Using User Generated Contents	WooHyun Park*, DoJin Park*, ByungJune Ahn*, SeokHun Kang*, HaengYeong Kim*, RaeHyeon Kim*, JaeHeum Na**	*Sungkyunkwan Universit, **Kangwon National University, Korea	OK
20190044	6C-01	Information & Network Security 3	20-Feb-19	Intrusion Detection by Deep Learning with TensorFlow	Navaporn Chockwanich, Vasaka Visoottiviseth	Mahidol University, Thailand	OK

20190047	5C-02	Information & Network Security 2	19-Feb-19	Automated IT Audit of Windows Server Access Control	Sutthinee PONGSRISOMCHAI, Sudsangan NGAMSURIYAROJ	Mahidol University, Thailand	OK
20190053	3E-01	Software Platform & Smart Service 1	19-Feb-19	An Interactive Interface for Information Exchanging between QualNet and Virtual Machine for IP Based Network	Qi Meng*, Peng Gong*, Yu Liu***, Huiibo Li*, Cheying Li*, ,Dan Shan**,*	*Beijing Institute of Technology, **Shenyang Jianzhu University, ***China Telecom Corporation, China	OK
20190055	3E-02	Software Platform & Smart Service 1	19-Feb-19	A PDSI-based Static Route Online Configuration Method for QualNet Simulator	Huibo LI*, Peng GONG*, Yu LIU***, Guolin LI*, Dan SHAN**,*	*Beijing Institute of Technology, **Shenyang Jianzhu University, ***China Telecom Corporation, China	OK
20190059	3E-03	Software Platform & Smart Service 1	19-Feb-19	An Interactive Interface of QualNet for DigSilent in Power Grid Simulation	Xiang GAO*, Peng GONG*, Yu LIU***, Qi MENG*, Cheying LI*, and Dan SHAN**,*	*Beijing Institute of Technology, **Shenyang Jianzhu University, ***China Telecom Corporation, China	OK
20190065	2C-02	Block chain & Cryptocurrency 2	18-Feb-19	A Review on Benefits of IoT Integrated Blockchain based Supply Chain Management Implementations across Different Sectors with Case Study	Satyabrata Aich*, Sabyasachi Chakraborty*, Mangal Sain**, Hye-in Lee*, Hee-Cheol Kim*	*Inje University, **Dongseo University, Korea	OK
20190067	1C-02	Block chain & Cryptocurrency 1	18-Feb-19	A Blockchain based Credit Analysis Framework for Efficient Financial Systems	Sabyasachi Chakraborty*, Satyabrata Aich*, Sim Jong Seong*, Hee-Cheol Kim*	*Inje University, Korea	OK
20190069	3C-01	Block chain & Cryptocurrency 3	19-Feb-19	A Secure Healthcare System Design Framework using Blockchain Technology	Sabyasachi Chakraborty*, Satyabrata Aich*, Hee-Cheol Kim*	*Inje University, Korea	OK
20190071	2A-02	Wireless Communication 2	18-Feb-19	A Deep Learning Based Social-aware D2D Peer Discovery Mechanism	Yu Long*, Ryo Yamamoto**, ††, Taku Yamazaki†, ††, and Yoshiaki Tanaka*, ††, ‡	*Waseda University, **The University of Electro-Communications, † Shibaura Institute of Technology, ††Global Information and Telecommunication Institute, Waseda University, Japan	OK
20190074	6A-01	Network Management & NGN, IPTV	20-Feb-19	ATM Heist Threats: A Proposed ICT Governance Strategy	Da-Yu KAO	Central Police University, Taiwan	OK
20190078	1C-03	Block chain & Cryptocurrency 1	18-Feb-19	The Governance of Digital Forensic Investigation in Law Enforcement Agencies	Da-Yu Kao, Ni-Chen Wu, Fuching Tsai	Central Police University, Taiwan	OK
20190080	2A-03	Wireless Communication 2	18-Feb-19	Interference analysis between Maritime ESIM and 5G system in the 28GHz band	Ho-Kyung Son, Young-Jun Chong	ETRI(Electronics and Telecommunications Research Institute), Korea	Author Profile Missing in the Final Full Paper
20190082	4C-01	Information & Network Security 1	19-Feb-19	Cybercrime Countermeasure of Insider Threat Investigation	Da-Yu KAO	Central Police University, Taiwan	OK
20190086	2C-03	Block chain & Cryptocurrency 2	18-Feb-19	Blockchain-based secure firmware management system in IoT environment	Minsung Son, Heeyoul Kim	Kyonggi University, Korea	OK
20190092	3D-02	Smart City, ERP, CRM, SCM 1	19-Feb-19	Network Virtualization System for Smart Grid Data Acquisition System	Seonyong Jeong*, Yongjae Leey**, Seungwon Shiny**	*Graduate School of Information Security, KAIST, **School of Electrical Engineering, KAIST, Daejeon, Korea	OK
20190096	6E-01	System Software & Work Method	20-Feb-19	Space Sharing Effects on Manycore Systems	Seung-Jun Cha, Seung Hyup Jeon, Ramneek, Yeonjeong Jeong, Jin Mee Kim, Sungin Jung	Electronics and Telecommunications Research Institute, Korea	OK
20190100	3C-02	Block chain & Cryptocurrency 3	19-Feb-19	Security Assured Vehicle Data Collection Platform by Blockchain: Service Provider's Perspective	Sang-Oun LEE*, Hyunseok JUNG*, Bosuk Han *	*EPIKAR Inc., Korea	OK
20190110	4A-05	Wireless Communication 4	19-Feb-19	A New Statistical Received Signal Strength (RSS) Model Based Fingerprint Approach for WLAN Indoor Localization Applicatio	Mai A. Abd El-Halim*, Adel M. Said**, Hadia El-Hennawy*	*Telecom Egypt - Ain Shams University, **National Telecommunication Institute, Egypt	OK

20190112	5D-01	Process mining & e-Services 1	19-Feb-19	A Conservation Genetic Algorithm for Optimization of the E-commerce Logistics Distribution Path	Rui FU*, Mohammed Abdulhakim Al-Absi*, Ahmed Abdulhakim Al-Absi**, Hoon Jae Lee**	Dongseo University, **Kyungdong University, Korea	OK
20190114	1A-02	Wireless Communication 1	18-Feb-19	Analysis of Radio Communication Networks in Underground Mining for Emergencies	Batzorig Bazargur*, Otgonbayar Bataa*, Uuganbayar Budjav*, Gantuya Gantumur**	*Mongolian University of Science and Technology, Mongolia, **Pusan National University, Korea	OK
20190118	3E-04	Software Platform & Smart Service 1	19-Feb-19	Analysis of Task Success Rate for Classifying 2D-Touch and 3D-Touch through Threshold	JinHyuck Park, ChoonSung Nam, JangYeol Lee, DongRyeol Shin	SungKyunKwan University, Korea	OK
20190126	6B-01	Industry 4.0, AI, Big Data 3	20-Feb-19	Modelling Chlorophyll-a Concentration using Deep Neural Networks considering Extreme Data Imbalance and Skewness	Jang-Ho Choi, Jiyong Kim, Jongho Won, Okgee Min	ETRI (Electronics and Telecommunications Research Institute), Daejeon, Korea	OK
20190128	5A-01	Wireless Communication 5	19-Feb-19	Mathematical Model for Bit-error-rate of a Spread-Spectrum System	Olanrewaju Bola Wojuola	North-West University, South Africa	OK
20190130	5B-01	Industry 4.0, AI, Big Data 2	19-Feb-19	Artificial Intelligence Hybrid Learning Architecture for Malware Families Classification	Yan-Ju Chen*, Wen-Han Kuo*, Sung-Yun Tsai*, Jiann-Liang Chen*, Yu-Hung Chen*, Wei-Zhao Xu**	*National Taiwan University of Science and Technology, **Cybersecurity Technology Institute for Information Industry, Taiwan	OK
20190132	3D-03	Smart City, ERP, CRM, SCM 1	19-Feb-19	Integration Agricultural Knowledge and Internet of Things for Multi-Agent Deficit Irrigation Control	Yi-Wei Ma, Jin-Qiu Shi, Jiann-Liang Chen, Chia-Chi Hsua and Chen-Hao Chuang	National Taiwan University of Science and Technology, Taiwan	OK
20190134	4C-02	Information & Network Security 1	19-Feb-19	A Learning Kit on IPv6 Deployment and its Security Challenges for Neophytes	Abidah Mat Taib, Nor Arzami Othman, Ros Syamsul Hamid, Iman Hazwam Abd Halim	Universiti Teknologi MARA (UiTM), Malaysia	OK
20190136	4C-03	Information & Network Security 1	19-Feb-19	Aggregated Risk Modelling of Personal Data Privacy in Internet of Things	Jinhong YANG, Chul-Soo KIM, Md Mehedi Hassan ONIK	Inje University, Korea	OK
20190138	6B-02	Industry 4.0, AI, Big Data 3	20-Feb-19	Personal Data Privacy Challenges of the Fourth Industrial Revolution	Md Mehedi Hassan ONIK, Chul-Soo KIM, Jinhong YANG	Inje University, Korea	OK
20190140	1A-03	Wireless Communication 1	18-Feb-19	A PDSI-based Online Fault Configuration Approach for Communication Network in Power Grid Simulation	Haowei YANG*, Jianlu WANG*, Xiang GAO*, Huiibo LI*, Duk Kyung KIM**, and Peng GONG*	*Beijing Institute of Technology, Inha University, Korea	OK
20190148	6A-02	Network Management & NGN, IPTV	20-Feb-19	How to Create a Network Slice? - A 5G Core Network Perspective	Wangbong Lee, Taeheum Na, Jeongyun Kim	ETRI (Electronics and Telecommunications Research Institute), Daejeon, Korea	OK
20190150	6C-02	Information & Network Security 3	20-Feb-19	Log Layering Based on Natural Language Processing	Hanji Shen**, Chun Long*, Wei Wan*, Jun Li*, Yakui Qin*, Yuhao Fu*, Xiaofan Songa	*Computer Network Information Center, Chinese Academy of Sciences, **University of Chinese Academy of Sciences, China	OK
20190156	6B-03	Industry 4.0, AI, Big Data 3	20-Feb-19	Analysis of Electricity Consumption at Home Using K-means Clustering Algorithm	Hyun Wong Choi, Nawab Muhammad Faseeh Qureshi and Dong Ryeol Shin	Sungkyunkwan University, Korea	OK
20190158	2E-02	OpenFlow, Future Web, IoT	18-Feb-19	An Improved Binary Grey Wolf Optimizer for Dependent Task Scheduling in Edge Computing	Kaihua Jiang* **, Hong Ni*, Peng Sun*, Rui Han*	*Institute of Acoustics, Chinese Academy of Sciences, **University of Chinese Academy of Sciences, China	OK
20190164	5B-02	Industry 4.0, AI, Big Data 2	19-Feb-19	Improving Credit Risk Prediction in Online Peer-to-Peer (P2P) Lending Using Feature selection with Deep learning	Van-Sang Ha*, Dang-Nhac Lu**, Gyoo Seok Choi***, Ha-Nam Nguyen****, Byeongnam Yoon****	*Academy of Finance, **Academy of Journalism and Communication, Vietnam, ***Chungwoon University, Korea, ****Vietnam National University, Vietnam	OK
20190166	2E-03	OpenFlow, Future Web, IoT	18-Feb-19	Risk and avoidance strategy for blocking mechanism of SDN-based security service	Minjae Byun*, Yongjun Lee*, Jin-Young Choi*	*Korea university, Korea	OK

20190170	5A-02	Wireless Communication 5	19-Feb-19	Synchronization and Cell Search Procedure in 3GPP 5G NR Systems	Youngil Jeon, Hyeongsook Park, Eunyoung Choi	ETRI (Electronics and Telecommunications Research Institute), Daejeon, Korea	OK
20190172	2D-01	Ubiquitous & Optical Network	18-Feb-19	Design of a routing scheme for bulk data transfers in multi-domain SnF OCS networks	Qian Liu*, Xiao Liny**, Shengnan Yue*, Weiqiang Sun*, Weisheng Hu*	*Shanghai Jiao Tong University, **Fuzhou University, China	OK
20190174	3D-04	Smart City, ERP, CRM, SCM 1	19-Feb-19	Design and Implementation of Autonomous Collaboration System of Smart Things using accumulated Experience knowledge	Chang-Su LEE*, Sweung-Won CHEUNG**, Seong-Soon JOO***, Hyun-Kook KAHNG*	*Korea University, **Hanwha Techwin Co, Ltd., ***ETRI (Electronics and Telecommunications Research Institute), Korea	OK
20190183	4A-03	Wireless Communication 4	19-Feb-19	Passive Geolocation with Unmanned Aerial Vehicles using TDOA-AOA Measurement Processing	Grigoriy Fokin	Petersburg State University of Telecommunications, Russia	OK
20190185	2B-01	Mobile Communication 1	18-Feb-19	A PAPR Reduction for FBMC-OQAM Signals using ABC-OPTS Scheme	Pitchaya BOONTRA*, Tanairat MATA**, Arif DATAESATU*, Kazuo MORI***, and Pisit BOONSRIMUANG*	*King Mongkut's Institute of Technology Ladkrabang (KMITL), **Rajamangala University of Technology Krungthep (RMUTK), Thailand, ***Mie University, Japan	OK
20190187	1B-01	Distributed & Cloud Computing	18-Feb-19	Street Parked Vehicles Based Vehicular Fog Computing: TCP Throughput Evaluation and Future Research Direction	Fatin Hamadah Rahman*, Awangku Yura Muhammad Iqbal*, S.H. Shah Newaz**, Au Thien Wan*, Md. Shamim Ahsan***	*Universiti Teknologi Brunei (UTB), Brunei Darussalam, **KAIST Institute for Information Technology Convergence, Korea, ***Khulna University, Bangladesh,	Author Profile Missing in the Final Full Paper
20190191	3B-01	Mobile Communication 2	19-Feb-19	Comparative analysis of radio propagation models for LTE network on the sky train	Arif DATAESATU*, Pornpawit BOONSRIMUANG**, Kazuo MORI***, and Pisit BOONSRIMUANG*	*King Mongkut's Institute of Technology Ladkrabang (KMITL), **Suan Sunandha Rajabhat University, Thailand, ***Mie University, Japan	OK
20190195	5D-02	Process mining & e-Services 1	19-Feb-19	An Online Web-based Adaptive Tutoring System for University Exit Exam on IT Literacy	Charoenchai Wongwatkit	Mae Fah Luang University, Thailand	OK
20190199	2B-02	Mobile Communication 1	18-Feb-19	1.8V-to-1.0V CMOS 65 nm MIPI RFFE Interface Circuit for Millimeter-wave Beamforming Array	Seunghyun Jang*, Sunwoo Kong*, Hui-Dong Lee*, Jeehoon Park*, Kwang-Seon Kim*, Kwang-Chun Lee*	ETRI (Electronics and Telecommunications Research Institute), Daejeon, Korea	OK
20190201	3E-05	Software Platform & Smart Service 1	19-Feb-19	Chinese Spam Data Filter Model in Mobile Internet	Yitao Yang*, Runqiu Hu**, Guozi Sun**, and Chengyan Qiu**	*Nanjing Forest Police College, **Nanjing University of Posts and Telecommunications, China	OK
20190203	4D-01	Smart City, ERP, CRM, SCM 2	19-Feb-19	Implementation of greenhouse service control protocol using Python on Raspberry Pi	Wook Hyun*, Mi Young Huh**, Ju Young Park*	*ETRI (Electronics and Telecommunications Research Institute), Daejeon, Korea	OK
20190205	5B-03	Industry 4.0, AI, Big Data 2	19-Feb-19	Domain Specific NMT based on Knowledge Graph Embedding and Attention	Hao Yang, Gengui Xie, Ying Qin, Song Peng	Huawei Technologies CO., LTD	OK
20190208	4A-04	Wireless Communication 4	19-Feb-19	Power Optimization for Energy Efficiency in Cell-Free Massive MIMO with ZF Receiver	Yao Zhang, Haotong Cao, Meng Zhou and Longxiang Yang*	Nanjing University of Posts and Telecommunications, China	OK
20190210	5A-04	Wireless Communication 5	19-Feb-19	Throughput Analysis in Cooperative Spectrum Sensing Network using an Improved Energy Detector	M. Ranjeeth, S. Anuradha	Warangal, Telangana, India	OK
20190212	4E-01	Software Platform & Smart Service 2	19-Feb-19	Fine Dust Forecast Based on Recurrent Neural Networks	Sunwon Kang, Namgi Kim and Byoung-Dai Lee	Kyonggi University, Korea	OK
20190214	3C-03	Block chain & Cryptocurrency 3	19-Feb-19	Online test and management system using blockchain network	Seung Jae Pee*, Eung Seon Kang*, Jae Geun Song*, Ju Wook Jang*	*Sogang University, Korea	OK
20190216	3B-04	Mobile Communication 2	19-Feb-19	Performance Evaluation of Physical Random Access Channel in 5G New Radio	Gweon-Do Jo*, Young Ha Lee*	* ETRI(Electronics and Telecommunications Research Institute), Korea	OK

20190222	1B-02	Distributed & Cloud Computing	18-Feb-19	An External Data Integrity Tracking and Verification System for Universal Stream Computing System Framework	Wang Hongyuan*	*China Academy of Electronics and Information Technology, LoongCloud Common Product Research Institute, China	OK
20190224	1B-04	Distributed & Cloud Computing	18-Feb-19	DBN Based Cloud Service Response Time Prediction Method	Yan Gao*, Bin Zhang**, Si Wang*, Anxiang Ma*	*Northeastern University, **Software College Northeastern University, China	OK
20190226	1B-05	Distributed & Cloud Computing	18-Feb-19	Game Based SBCA Cloud Resource Adjustment Method	Yan Gao*, Bin Zhang**, Mengzhu Lu*, Anxiang Ma*	*Northeastern University, **Software College Northeastern University, China	OK
20190232	5B-04	Industry 4.0, AI, Big Data 2	19-Feb-19	Dynamic Container-based Resource Management Framework of Spark Ecosystem	Nawab Muhammad Faseeh Qureshi*, Isma Farah Siddiqui**, Asad Abbas***, Ali Kashif Bashir****, Keehyun Choi*, Jaehyun Kim* and Dong Ryeol Shin*	*Sungkyunkwan University, Korea, **Mehran University of Engineering & Technology, ***University of Lahore, Pakistan, ****University of Faroe Islands, Faroe Islands	OK
20190234	5C-03	Information & Network Security 2	19-Feb-19	RECSRF: Novel Technique to Evaluate Program Security using Dynamic Disassembly of Machine Instructions	Asanga Wanniarachchi*, Chandana Gamage*	*University of Moratuwa, Sri Lanka	OK
20190238	5A-06	Wireless Communication 5	19-Feb-19	SVM and Decision Stumps Based Hybrid AdaBoost Classification Algorithm for Cognitive Radios	Siji Chen, Bin Shen, Xin Wang, and Hebiao Wu	Chongqing University of Posts and Telecommunications(CQUPT), Key Laboratory of Mobile Communication Technology, China	OK
20190250	4E-02	Software Platform & Smart Service 2	19-Feb-19	Churn Resilience of Distributed Content Service System on Smart Terminals Network	Hanxing Xue* **, Jiali You* **, Jinlin Wang* **	*Institute of Acoustics, Chinese Academy of Sciences, **University of Chinese Academy of Sciences, China	OK
20190254	5D-03	Process mining & e-Services 1	19-Feb-19	Consideration on the variation of financial data of institutions for canonical correlation analysis	Masaaki Ida	National Institution for Academic Degrees and Quality Enhancement of Higher Education, Japan	OK
20190258	3A-02	Wireless Communication 3	19-Feb-19	High-Speed Data Transmission with Beam-Steering using Silicon Optical Phased Array	Hyun-Woo Rhee, Minchul Kim, Jong-Bum You, Hyo-Hoon Park	Korea Advanced Institute of Science and Technology (KAIST), Korea	OK
20190260	3B-02	Mobile Communication 2	19-Feb-19	Performance Evaluation: Two Flood-Cancellation Methods of the Blocking Expanding Ring Searches on the AODV/WiFi MANET Environment	Kwi-Yil Gwak*, SangWoo Park*, JooSeok Song*	*Yonsei University, Korea	OK
20190264	3C-04	Block chain & Cryptocurrency 3	19-Feb-19	Multi-Factor Authentication in Cyber Physical System: A State of Art Survey	Sanjar Ibromkhimov*, Kueh Lee Hui**, Ahmed Abdulhakim Al-Absi*** hoon jae lee* and Mangal Sain*	*Dongseo University, **Dong-A University, Kyungdong University-Global Campus, Korea	OK
20190266	5D-04	Process mining & e-Services 1	19-Feb-19	Digital Story-Telling: A Methodology of Web Based Learning of Teaching of Folklore Studies	Papiya Chatterjee*, Deepanjali Mishra*, Lily Kumari Padhi*, Jyotirmayee Ojha*, Ahmed Abdulhakim Al-Absi** and Mangal Sain***	*Department School of Humanities KIT University Bhubaneswar, India, **Kyungdong University, ***Dongseo University, Korea	OK
20190268	2D-02	Ubiquitous & Optical Network	18-Feb-19	Autonomous network traffic control system based on intelligent edge computing	Kwihoon Kim*, Yong-Geun Hong*	*ETRI(Electronics and Telecommunications Research Institute), Korea	OK
20190276	2E-06	OpenFlow, Future Web, IoT	18-Feb-19	Software-Defined Dynamic Bandwidth Management	Yao-Chung Chang*, Yung-Chiao Chen**, Tsung-Hau Chen***, Jiann-Liang Chen**, Shih-Ping Chiu** and Wei-Hsiu Chang**	*National Taitung University, **National Taiwan University of Science & Technology, ***National Taiwan Ocean University, Taiwan	OK
20190278	5C-04	Information & Network Security 2	19-Feb-19	Cryptography Survey of DSS and DSA Algorithms	Mohammed Abdulhakim Al-Absi*, Azamjon Abdullaev*, Ahmed Abdulhakim Al-Absi**, Mangal Sain***, Hoon Jae Lee*	*Dongseo University, **Kyungdong University, Korea	OK
20190284	5D-05	Process mining & e-Services 1	19-Feb-19	Complex Control-Flow Constructs Detection from Process Related Data	Hind R'bigui*, Chiwoon Cho*	*University of Ulsan, Korea	OK
20190288	1C-05	Block chain & Cryptocurrency 1	18-Feb-19	An Efficiency Evaluation Model for Designing Optimal Scheduling Mechanisms in N+X Hybrid Blockchain	Peipei Wang, Kun Meng, Shuqin Li	Beijing Information Science and Technology University, China	OK

20190290	6E-02	System Software & Work Method	20-Feb-19	A Study on Feature Extraction Methods Used to Estimate a Driver's Level of Drowsiness	Kyong Hee Lee, Whui Kim, Hyun Kyun Choi, Byung Tae Jang	ETRI(Electronics and Telecommunications Research Institute), Korea	OK
20190292	6A-03	Network Management & NGN, IPTV	20-Feb-19	Study on the Efficiency Evaluation System of Distribution Communication Collaboration Network	WeiDong Feng*, Yong Sun **, ***, Zheng Zhou*, Peng Zhan*, YaoYi Jiao *	*State Grid Hubei Electric Power Information Communication Company, **Beijing University of Posts and Telecommunications, ***Beijing Key Laboratory of Network System Architecture and Convergence, China	OK
20190294	4B-02	Industry 4.0, AI, Big Data 1	19-Feb-19	A Comparative Study of Face Recognition Algorithms under Facial Expression and Illumination	Ali Rehman Shinwari*, Asadullah Jalali Balooch*, Ala Abdulhakim Alariki**, Sami Abduljalil Abdulhak**	*Kabul University of Afghanistan, **American University of Afghanistan, Afghanistan	OK
20190296	6C-03	Information & Network Security 3	20-Feb-19	TRAPDROID: Bare-Metal Android Malware Behavior Analysis Framework	Halit Alptekin*, Can Yıldızlı**, Erkay Savaş*, Albert Levi*	*Sabanci University, Turkey, **PRODAFT, Switzerland	OK
20190298	4B-03	Industry 4.0, AI, Big Data 1	19-Feb-19	A YOLO-based Separation of Touching-Pigs for Smart Pig Farm Applications	Jihyun Seo*, Jaewon Sa*, Younchang Choi*, Yongwha Chung*, Daihee Park*, Hakjae Kim**	*Korea University, Sejong, ***Class Act Co., Ltd., Korea	OK
20190300	1D-02	Web Service & Computational Thinking	18-Feb-19	Video Diffusion in User-generated Content Website: An empirical analysis of Bilibili	Li Yan, Namjun Cha, Hosoo Cho, Junseok Hwang	*Seoul National University, Korea	OK
20190302	6A-04	Network Management & NGN, IPTV	20-Feb-19	The Method of Health Management on Satellite Constellation Network	Li Jing*, Shi Jin Xia**, Li Shuai*, Liao QiuYue*	*Xing Yi Space Technology Co. LTD, **Xian Satellite Control Center, China	Author Profile Missing in the Final Full Paper
20190304	2E-04	OpenFlow, Future Web, IoT	18-Feb-19	Smart Flying Umbrella Drone on Internet of Things: AVUS	Kamolov Ahmadhon, Mohammed Abdulhakim Al-Absi, Hoon Jae Lee, SuHyun Park	Dongseo University, Korea	OK
20190306	6C-04	Information & Network Security 3	20-Feb-19	Conceptualizing the cyber incident & event statistics reporting standards – a case study of Korea	Sang-Oun LEE*, H.J. SEO**	*The University of Chicago Harris School of Public Policy, USA, **The Attached Institute of ETRI, Daejeon, Korea	OK
20190310	2D-04	Ubiquitous & Optical Network	18-Feb-19	Fabrication of 53 Gb/s Optical Transceiver over 40-km transmission with PAM4 modulation	Sang-Moon Shin*, Hong-Beom Kim*, Jae-Woo Kim**	*R&D Department, ARTECH Co., Ltd., **University of Kumoh National Institute of Technology, Korea	OK
20190314	1D-03	Web Service & Computational Thinking	18-Feb-19	Technologies for Super Micro Websites: Itty.bitty vs. Docs365 Itty Bitty	Yuta Nemoto, Vitaly Klyuev	The University of Aizu, Japan	OK
20190316	2E-05	OpenFlow, Future Web, IoT	18-Feb-19	A Resource Saving MAC/IP Handling Method for Low-Power Wireless TCP Packet Network	Jong Beom Kim*, Jae Woo Ahn*, Jong Oh Kim**, Seong Gon Choi*	*Chungbuk University, **Fisys, Korea	OK
20190318	6B-04	Industry 4.0, AI, Big Data 3	20-Feb-19	Virtual Power Plant in Industry 4.0: The Strategic Planning of Emerging Virtual Power Plant in Kazakhstan	Madina Kenzhina*, Ileskhan Kalysb*, Ikechi Ukaegbu*, Sivanand K. Nunna*	*Nazarbayev University, Kazakhstan	OK
20190324	4D-02	Smart City, ERP, CRM, SCM 2	19-Feb-19	Implementation of Packet Queue with Two Dimensional Array on Embedded System	Jae-Woo AHN*, Jong-Oh KIM**, Seong-Gon CHOI*	*Chungbuk University, **Fisys, Korea	OK
20190326	3D-05	Smart City, ERP, CRM, SCM 1	19-Feb-19	The SPI Synchronization Method for Data Efficiency and Integrity between MCUs	Jae Kyu Lee*, Jae Woo Ahn*, Jong Oh Kim**, Seong Gon Choi*	*Chungbuk University, **Fisys, Korea	OK
20190330	1C-04	Block chain & Cryptocurrency 1	18-Feb-19	Analysis of Bitcoin Exchange Using Relationship of Transactions and Addresses	Seongho Hong, Heeyoul Kim	Kyonggi University, Korea	OK
20190332	3C-05	Block chain & Cryptocurrency 3	19-Feb-19	DESIGN OF SECURE MOBILE PAYMENT SYSTEM WITH BIOMETRIC AUTHENTICATION BASED ON CONNECTED OBJECTS	Abdou Khadre Dieylani FALL*, Ahmed Dooguy KORA*, Hamidou DATHE**	*Ecole Supérieure Multinationale des Télécommunications, **Cheikh Anta Diop University. SENEGAL	OK

20190336	4D-03	Smart City, ERP, CRM, SCM 2	19-Feb-19	Development of a General Reporting Program for Measurement Uncertainty	Sun HWANG*, Jin-Chun WOO** and Thomas Byeongnam YOON***	*Kyung Hee University, **Korea Research Institute of Standards and Science (KRISS), korea, ***Information Technology Institute of Vietnam National University (ITI-VNU), Vietnam.	OK
20190340	4B-04	Industry 4.0, AI, Big Data 1	19-Feb-19	Application of Big Data in Smart Grids: Energy Analytics	Azamat Marlen*, Askar Maxim*, Ikechi A. Ukaegbu*, H. S. V. S. Kumar Nunna*	*Nazarbayev University, Kazakhstan	OK
20190342	6E-03	System Software & Work Method	20-Feb-19	Design of 3D Animation Builder with HLA Based Distributed Simulations	Sangha CHOI, Wooshik KIM, Sugjoon YOON	Sejong University, Korea	OK
20190348	6E-04	System Software & Work Method	20-Feb-19	Nirob: A Next Generation Green Earth Technology Based Innovative System for Metropolitan Sound Pollution Management	Jafrul Islam Sojol*, Md. Hashmi Shihab*, Tanvir Ahamed*, Md. Abu Sayed Siam*, Dr. Shahnewaz Siddique*	*North South University, Bangladesh	OK
20190350	4E-03	Software Platform & Smart Service 2	19-Feb-19	Multisensory Capture System for the Preservation of Traditional Painting	Soonchul Jung , Taewon Choi , Yoon-Seok Choi , In-Su Jang , Jae Woo Kim , Jin-Seo Kim	*ETRI(Electronics and Telecommunications Research Institute), Korea	OK
20190352	2B-03	Mobile Communication 1	18-Feb-19	A Smart Android Based Parking System to Reduce the Traffic Congestion of Dhaka City	Nawsheen Promy, Sadman Islam	Military Institute of Science and Technology, Bangladesh	OK
20190362	5B-05	Industry 4.0, AI, Big Data 2	19-Feb-19	The Fourth Industrial Revolution: Towards Energy 4.0 in Kazakhstan	Aisultan ALIMKHAN*, Adilkhan MAKHAMBAYEV*, Ikechi A. UKAEGBU*	*Nazarbayev University, Kazakhstan	OK
20190366	2A-04	Wireless Communication 2	18-Feb-19	Channel Estimation and Equalization Methods for ZP-OFDM under Highly Mobile Environments	Saha TANANGSANAKOOL*, Pongsathorn REANGSUNTEA***, Kazuo MORI** and Pisit BOONSRIMUANG*	*KMITL, Thailand, **Mie University, Japan, ***Focuz Manufacturing Co., Ltd., Thailand	OK
20190368	3A-05	Wireless Communication 3	19-Feb-19	Design of an UWB Microstrip Antenna With DGS Based on Genetic Algorithm	Ziyuan Zhang*, **, Shuhui Yang*, Minqiao Liu*, Shuai Deng*, Lei Li*	*Communication University of China, **Posts and Telecommunications University of Beijing, China	OK
20190372	4C-04	Information & Network Security 1	19-Feb-19	Proposal of PingPong-128 Countermeasure against Power Analysis Attack	Young-Jin Kang, Ki-Hwan Kim, Hoon Jae Lee	Dongseo University, Korea	OK
20190377	1A-05	Wireless Communication 1	18-Feb-19	A Novel Ultra-Wideband Antenna Operating in the frequency band of 2.5-40GHz	Shuai Deng**, Shuhui Yang*, Minqiao Liu*, Ziyuan Zhang*, Li Lei*	*Communication University of China, **South China University of Technology, China	OK
20190381	3A-03	Wireless Communication 3	19-Feb-19	Determining ICT indicators using entropy theory	Narantuya Erkhembaatar, Otgonbayar Bataa	Mongolian University of Science and Technology, Mongolia	OK
20190383	2B-04	Mobile Communication 1	18-Feb-19	Exploiting Heterogeneous Networks model for Cluster Formation and Power Allocation in Uplink NOMA	Arbab Waheed Ahmad*, Nasir Mehmood Bahadar*	*CECOS University, Pakistan	OK
20190385	5D-06	Process mining & e-Services 1	19-Feb-19	The Evaluation System for the Computer Simulation of the Crackles in Respirations	Meng-Lun Hsueh1, Huey-Dong Wu 2, and Bing-Yuh Lu3,*	*Hwa Hsia University of Technology, **National Taiwan University Hospital, ***Tungnan University, Taiwan	Must Submit CRF Manuscripts
20190389	5A-03	Wireless Communication 5	19-Feb-19	Sensitive Network Architecture Algorithm based on LED Optical Wireless Communication	Tae-Gyu LEE *	*Pyeongtaek University, Korea	OK
20190391	6D-02	Process mining & e-Services 2	20-Feb-19	Classifying User Reviews at Sentence and Review Levels Utilizing Naive Bayes	Yoichi Saito*, Vitaly Klyuev*	*University of Aizu, Japan	OK
20190397	6D-03	Process mining & e-Services 2	20-Feb-19	A Study on EA based IT Governance	Byeongnam Yoon*, Pham Dinh Lam*, Pham Hai Son**, Pham Thanh Dat***, Do Van Thien****, Viet-Vu Vu *, Do Hong Quan*, Do Nang Toan*	*Vietnam National University, **ITC Ministry of Science & Technology, ***ITC Ministry of Health, Vietnam	OK

20190410	5B-06	Industry 4.0, AI, Big Data 2	19-Feb-19	Comparative Analysis of Electricity Consumption at Home through a Silhouette-score prospective	Hyun Wong Choi, Nawab Muhammad Faseeh Qureshi and Dong Ryeol Shin	Sungkyunkwan University, Korea	OK
20190412	6D-04	Process mining & e-Services 2	20-Feb-19	A Temporal Work Transference Event Log Trace Classification Algorithm and Its Experimental Analysis	Dinh-Lam Pham*, Hyun Ahn*, Kwanghoon Kim*	*KYONGGI UNIVERSITY, Korea	OK
20190414	5C-05	Information & Network Security 2	19-Feb-19	Event Observation of Date-time Stamps for ADS Reconstruction	Da-Yu KAO*, Yuan-Pei Chen*, En-Cih Chang**	*Central Police University, **Taipei City Police Department, Taiwan	OK
20190416	2D-03	Ubiquitous & Optical Network	18-Feb-19	Discovery of Suitable Node Number for Wireless Sensor Networks Based on Energy Consumption using Cooja	Marija Tutunović, Pongpisit Wuttidittachotti	King Mongkut's University of Technology North Bangkok, Thailand	OK
20190422	2A-05	Wireless Communication 2	18-Feb-19	A MOVING DIRECTION PROPOSAL TO SAVE ENERGY CONSUMPTION FOR MOBILE SINK IN WIRELESS SENSOR NETWORK	Tran Cong Hung*, Dang Thi Ngoc*, Phan Thi The**, Le Ngoc Hieu*, Luan N.T. Huynh***, Le Dien Tam**	*Posts & Telecommunications Institute of Technology, **Thu Duc College, Vietnam, ***Kyung Hee University, Korea	OK
20190424	1A-04	Wireless Communication 1	18-Feb-19	A Novel Ranging Code based on improved Logistic Map Chaotic Sequences	Rui XUE*, Yang XIONG*, Qinglin CHENG**	*Harbin Engineering University, **Shanghai Aerospace Electronic Technology Institute China	OK
20190426	3B-03	Mobile Communication 2	19-Feb-19	Security Challenge and Issue of Mobile Banking in Republic of Uzbekistan: A State of Art Survey	Azamjon Abdullaev*, Mohammed Abdulhakim Al-Absi*, Ahmed Abdulhakim Al-Absi**, Mangal Sain*, Young-Sil Lee***, Hoon Jae Lee ***	*Dongseo University, **Kyungdong University, Korea	OK
20190428	6E-05	System Software & Work Method	20-Feb-19	Performance Evaluation of Apache Storm With Writing Scripts	Lemi Isaac Yoseke Laku, Alaelddin Fuad Yousif Mohammed, Fawaz AL-Hazemi, Chan-Hyun Youn	Korea Advanced Institute of Science and Technology (KAIST), Korea	OK
20190432	4B-05	Industry 4.0, AI, Big Data 1	19-Feb-19	A Multiple-Loss Dual-Output Convolutional Neural Network for Fashion Class Classification	Okeke Stephen*, Uchenna Joseph Maduh**, Sanjar Ibrokhimov*, Kueh Lee Hui***, Ahmed Abdulhakim Al-Absi****and Mangal Sain*	*Dongseo University, **Yeungnam University, ***Dong-A University, ****Kyungdong University- Global Campus., Korea	OK
20190436	3A-04	Wireless Communication 3	19-Feb-19	High Precision Industrial Wireless LAN System with Asynchronous Communication	Tran Thi Thao Nguyen, Makoto Tsurita, Kyoshiro Sakamoto, Yuhei Nagao, Masayuki Kurosaki and Hiroshi Ochi	Kyushu Institute of Technology, JAPAN	OK
20190440	5A-05	Wireless Communication 5	19-Feb-19	Signal Assemblage Based Wideband Spectrum Sensing for OFDM Cognitive Radios	Han Qing, Siji Chen, Md Liton Ali, and Bin Shen	Chongqing University of Posts and Telecommunications (CQUPT), China	OK
20190442	2C-04	Block chain & Cryptocurrency 2	18-Feb-19	Ethereum-based Emergency Service for Smart Home System: Smart Contract Implementation	Yu Nandar Aung, Thitinan Tantidham	Mahidol University, Thailand	OK
20190444	2C-05	Block chain & Cryptocurrency 2	18-Feb-19	BlockSubPay -A Blockchain Framework for Subscription-Based Payment in Cloud Service	Yustus Eko Oktian, Elizabeth Nathania Witanto, Sandra Kumi, Sang-Gon Lee	Dongseo University, Korea	OK
20190448	4B-06	Industry 4.0, AI, Big Data 1	19-Feb-19	A Comparison of the Effects of Data Imputation Methods on Model Performance	Wooyoung Kim*, Wonwoong Cho*, Jangho Choi**, Jiyong Kim**, Cheonbok Park*, Jaegul Choo*	*Korea University, **Electronic Telecommunications Research Institute (ETRI), Korea	OK
20190450	4D-04	Smart City, ERP, CRM, SCM 2	19-Feb-19	Implementation of PV Monitoring System Using Python	Shinyuk Kang, Ilwoo Lee	ETRI(Electronics and Telecommunications Research Institute), Korea	OK
20190458	6E-06	System Software & Work Method	20-Feb-19	Smart School Bus: Ensuring Safety On The Road For School Going Children	Jafrul Islam Sojol*, Md. Sakib Alam*, Nazmul Hossain*, Tamanna Motahar*	*North South University, Bangladesh.	OK
20190460	1B-03	Distributed & Cloud Computing	18-Feb-19	PUE or GPUE: A Carbon-Aware Metric for Data Centers	Fawaz AL-Hazemi*, Alaelddin Fuad Yousif Mohammed*, Lemi Isaac Yoseke Laku*, Rayan Alanazi**	Korea Advanced Institute of Science and Technology (KAIST), **Dankook National University (DKU). Korea	OK

20190464	6B-05	Industry 4.0, AI, Big Data 3	20-Feb-19	TED: A Tetrominoes based edge descriptor	Yun-Xia Liu*, Yang Yang**, Peng Jigang***, Liu Haowei***, Ping Haipeng***, Zhang Heng***	*University of Jinan, **Shandong University, ***Shandong province's electronic information products quality supervision and inspection Institute, China	OK
20190466	4C-05	Information & Network Security 1	19-Feb-19	An efficient MSD protection and authentication scheme for automotive ICT based emergency call system	Nam-Uk Kim*, Tai-Myoung Chung*	*Sungkyunkwan University, Korea	OK
20190468	6B-06	Industry 4.0, AI, Big Data 3	20-Feb-19	Intelligent monitoring of indoor surveillance video based on deep learning	Yun-Xia Liu*, Yang Yang**, Aijun Shi**, Peng Jigang***, Liu Haowei***	*University of Jinan, **Shandong University, ***Shandong province's electronic information products quality supervision and inspection Institute, China	OK
20190470	6D-05	Process mining & e-Services 2	20-Feb-19	Strategies of Learning: A Methodology of Teaching Language Through Digitalisation	Lili Kumari Padhi*, Deepanjali Mishra* Papiya Chatterjee* Jyotirmayee Ojha* and Mangal Sain**	*Department School of Humanities KIT University Bhubaneswar, India, **Dongseo University, Korea	OK
20190472	6D-06	Process mining & e-Services 2	20-Feb-19	Digital Transformation of the Public Service Delivery System in Uzbekistan	Sang-Chul SHIN*, Zafar Rakhmatullayev Makhamadjanovich*	*e-Government Center. Uzbekistan	OK
20190498	4E-04	Software Platform & Smart Service 2	19-Feb-19	Smart Farming Education Service based on ulearning environment	Heechang chung*, Dongil kim*, Soonghee lee**, Sokpal Cho*	*Donggeui university, **Inje university, Korea	OK