



List of the Outstanding Paper Award



* 노란색 표시가 참석자입니다.

No	1st Author	Paper No	Paper Title	Author(s)	Organization(s)
1	Mr. Kumar Sharshembiev	20190017	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
2	Mr. Zhenwei ZHANG	20190020	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
3	Mr. Kéba Gueye	20190021	Proposition of Health Care System Driven by IoT and KMS for Remote Monitoring of Patients in Rural Areas: Pediatric Case	Keba GUEYE *, Bessan M. DEGBOE *, Samuel OUYA*, Ngartabe KAG-TEUBE	*University Cheikh Anta Diop of Dakar, Senegal
4	Dr. Alberto Gallegos Ramonet	20190024	IEEE 802.15.4 Historical Evolution and Trends	Alberto Gallegos Ramonet, Taku Noguchi	College of Information Science and Engineering Ritsumeikan University, Japan
5	Ms. Navaporn Chockwanich	20190044	Intrusion Detection by Deep Learning with TensorFlow	Navaporn Chockwanich, Vasaka Visoottiviset	Mahidol University, Thailand
6	Mr. Yu Long	20190071	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
7	Mr. Jang-Ho Choi	20190126	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
8	Mr. KaiHua Jiang	20190158	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
9	Dr. Charoenchai Wongwatkit	20190195	An Online Web-based Adaptive Tutoring System for University Exit Exam on IT Literacy	Charoenchai Wongwatkit	Mae Fah Luang University, Thailand
10	Dr. Seunghyun Jang	20190199	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), Korea
11	Dr. Ranjeeth M	20190210	Throughput Analysis in Cooperative Spectrum Sensing Network using an Improved Energy Detector	M. Ranjeeth, S. Anuradha	Warangal, Telangana, India

12	Ms. Sunwon Kang	20190212	Fine Dust Forecast Based on Recurrent Neural Networks	Sunwon Kang, Namgi Kim and Byoung-Dai Lee	Kyonggi University, Korea
13	Mr. Siji Chen	20190238	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
14	Mr. Hanxing Xue	20190250	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
15	Mr. Sanjarbek IBROKHIMOV	20190264	Multi-Factor Authentication in Cyber Physical System: A State of Art Survey	Sanjar Ibrokhimov*, Kueh Lee Hui**, Ahmed Abdulhakim Al-Absi**** hoon jae lee* and Mangal Sain*	*Dongseo University, **Dong-A University, Kyungdong University- Global Campus, Korea
16	Ms. Kyong Hee Lee	20190290	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
17	Mr. Halit Alptekin	20190296	TRAPDROID: Bare-Metal Android Malware Behavior Analysis Framework	Halit Alptekin*, Can Yıldızlı**, Erkay Savaş*, Albert Levi*	*Sabanci University, Turkey, **PRODAFT, Switzerland
18	Mr. Yuta Nemoto	20190314	Technologies for Super Micro Websites: Itty.bitty vs. Docs365 Itty Bitty	Yuta Nemoto, Vitaly Klyuev	The University of Aizu, Japan
19	Mr. Jong Beom Kim	20190316	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
20	Dr. Jin-Chun WOO	20190336	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.
21	Dr. Arbab Waheed Ahmad	20190383	Exploiting Heterogeneous Networks model for Cluster Formation and Power Allocation in Uplink NOMA	Arbab Waheed Ahmad*, Nasir Mehmood Bahadar*	*CECOS University, Pakistan
22	Dr. Lu, Bing-Yuh	20190385	The Evaluation System for the Computer Simulation of the Crackles in Respirations	Meng-Lun Hsueh*, Huey-Dong Wu**, and Bing-Yuh Lu***	*Hwa Hsia University of Technology, **National Taiwan University Hospital, ***Tungnan University, Taiwan
23	Prof. Byeongnam Yoon	20190397	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
24	Mr. Dinh-Lam Pham	20190412	A Temporal Work Transference Event Log Trace Classification Algorithm and Its Experimental Analysis	Dinh-Lam Pham*, Hyun Ahn*, Kwanghoon Kim*	*KYONGGI UNIVERSITY, Korea

25	Mr. Azamjon ABDULLAEV	20190426	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
26	Dr. Tran Thi Thao Nguyen	20190436	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