



Conference Schedule

October 18, 2019 (Friday)			
14:00-18:00	Registration	The hall on the 1st floor New Great Hotel	
October 19, 2019 (Saturday)			
8:00-9:00	Registration	The hall on the 1st floor New Great Hotel	
Room	Floor B, Hall 1, New Great Hotel		
09:10-09:20	<p style="text-align: center;">Opening Ceremony Chair: <i>Dr. Hui-Huang Zhao</i>, Hengyang Normal University, China</p>		
09:20-09:30	<p style="text-align: center;">Opening Remarks CENet Program Chair: <i>Prof. Lang Li</i>, Hengyang Normal University, China</p>		
09:30-10:10	<p>Distinguished Talk 1: An RDAU-NET model for lesion segmentation in Breast Ultrasound Images <i>Prof. Alex Noel Joseph Raj</i>, Shantou University, China.</p>		
10:10-10:50	<p>Distinguished Talk 2: Digital Image Steganography Using Error Correcting Code <i>Prof. James C.N. Yang</i>, National Dong Hwa University</p>		
10:50-11:10	Coffee Break		
11:10-11:50	<p>Distinguished Talk 3: Modelling and Analysis of Component-based Distributed Systems : A Formal Method Based on Augmented Marked Graphs <i>Prof. Simon K.S. Cheung</i>, Open University of Hong Kong</p>		
12:00-13:30	Lunch (Cafeteria, Floor B)		
Room	Conference Session (Floor B)		
	Hall 2	Hall 6	Hall 1/Hall 6
14:00-17:00	Workshop 1: Embedded Computing and Information Security	Workshop 2: Energy Internet and Smart Grid	Workshop 3: IoT-Driven Emerging Technologies
18:00-20:00	Banquet & Events (Banquet Hall, 2 nd Floor)		
October 20, 2019 (Sunday)			
09:00-12:00	City tour		
13:00	Have a great trip home! See you in CENet 2020!		



Conference Sessions

October 19, 2019 (Saturday)		
Room	Hall 2	
Workshop 1: Embedded Computing and Information Security Session Chair: <i>Dr. Hui-Huang Zhao</i> , Hengyang Normal University, China		
Time	Title	Speaker
14:00-14:15	78: Outer synchronization between complex delayed networks with both uncertain parameters and unknown topological structure	Zhong Chen
14:15-14:30	34: Constructions of Lightweight MDS Diffusion Layers from Hankel Matrices	Qiuping Li
14:30-14:45	77: Binary Firefly Algorithm for the Minimum Labeling Spanning Tree Problem	Mugang Lin
14:45-15:00	71: Human face sketch to RGB image Translation with Generative Adversarial Networks	Feng Zhang
15:00-15:15	85: Impossible Differential Analysis on 8-round PRINCE	Yaoling Ding
15:15-15:40	Coffee Break	
15:40-15:55	87: A DPA Countermeasure based on Random Register Group for Lightweight Cryptographic Algorithms	Benyu Liu
15:55-16:10	101: Homological Fault Attack on AES Block Cipher and Its Countermeasures	Ning Shang

October 19, 2019 (Saturday)		
Room	Hall 6	
Workshop 3: IoT-Driven Emerging Technologies Session Chairs: <i>Prof. Yang Yang</i> , Beijing University of Posts and Telecommunications, China		



International Conference on Computer Engineering and Networks

Time	Title	Speaker
14:00-14:15	37: Research and Implementation of a Remote Monitoring Platform for Antarctic Greenhouse	Kaiyan Lin
14:15-14:30	128: Security analysis and improvement of user authentication scheme for Wireless body area network	Songsong Zhang
14:30-14:45	79: Deployment Algorithm of Service Function Chain with Packet Loss Rate Optimization	Yingjie Jiang
14:45-15:00	200: A Deep Learning Method for Intrusion Detection by Spatial and Temporal Feature Extraction	Haizhou Cao
15:00-15:15	201: Optimal Distribution in Wireless Mesh Network with Enhanced Connectivity and Coverage	Siyuan Wu
15:15-15:40	Coffee Break	
Room	Hall 6	
<p>Workshop 2: Energy Internet and Smart Grid</p> <p>Session Chairs: <i>Prof. Xi-Zheng Zhang, Hunan Institute of Engineering,</i></p>		
15:40-15:55	113: A Trend Extraction Method Based on Improved Sliding Window	Ming Lu
15:55-16:10	36: Vehicle Speed Optimized Fuzzy Energy Management Strategy for Hybrid Energy Storage System in Electric Vehicles	Zhangyu Lu
16:10-16:25	109: Non-parametric Foreground Segmentation in Dynamic Background Based on Markov Random Field	Xiaolin Zhu
16:25-16:40	18: Prediction of Coal Mine Accidental Deaths for 5 Years Based on 14 Years Data Analysis	Jun Huang



October 19, 2019 (Saturday)		
Room	Hall 1	
Workshop 3: IoT-Driven Emerging Technologies Session Chair: <i>Prof. Fei Zheng, Guilin University of Electronic Technology, China</i>		
Time	Title	Speaker
14:00-14:15	42: Equipment Fault Prediction Method in Power Communication Network Based on Equipment Frequency Domain Characteristics	Qianjun Wang
14:15-14:30	23: Service Chain Mapping Method based on Load Balancing	Ningcheng Yuan
14:30-14:45	44: VNF placement and routing algorithm for energy saving and QoS	Meng Chen
14:45-15:00	145: Research On Edge Network Resource Allocation Mechanism For Mobile Blockchain	Yinlin Ren
15:00-15:15	142:Real-time Pricing Method Based on Lyapunov for Stochastic and Elastic Power Demand in Smart Grid	Yingxin Lin
15:15-15:40	Coffee Break	
15:40-15:55	147:An Outlier Detection Algorithm for Electric Power Data Based on DBSCAN and LOF	Yixin Zhang
15:55-16:10	67: Construction-based Secret Image Sharing	Xuehu Yan
16:10-16:25	63: Remote Network Provisioning with Terminals Priority and Cooperative Relaying for Embedded SIM for NB-IoT Reliability	Liang Zhu
16:25-16:40	15: Fault Diagnosis Algorithm for Power bottom-guaranteed Communication Network Based on Random Forest	Siyuan Liu