

TECHNICAL PROGRAM
IEEE ComComAp 2020
Beijing, China, December 20th - 22nd , 2020

DATE	TIME	ROOM
December 20, 2020 (Sunday)	9:00-10:00	<p>Session1 Session Chair: Haipeng Yao (yaohaipeng@bupt.edu.cn) Meeting Link: 1763084198@meetingsapac26.webex.com Meeting number (access code): 176 308 4198 Meeting password: r6NAMv Conferece ID: KEYNOTE 1: Prof. Mohsen Guizani, Qatar University, Qatar TITLE: Security Schemes for Healthcare Devices in the IoT Era</p>
	10:30-12:00	<p>Session2 Session Chair: Fu Wang (wangfu6672@gmail.com) Meeting Link: 1768856345@meetingsapac26.webex.com Meeting number (access code): 176 885 6345 Meeting password: 6SThwq Conferece ID: 1570671087: User Clustering and Proactive Group Handover Scheduling in LEO Satellite Networks, Ke Zhu; Cunqing Hua; Pengwenlong Gu; Wenchao Xu (ShangHai Jiaotong University, China) 1570677550: An Efficient LEO Global Navigation Constellation Design Based on Walker Constellation, Yanbo Wei; Huaijian Li; Xiaojing Du (Beijing Institute of Technology, China) 1570680813: Multi Objective Resource Optimization of Wireless Network Based on Cross Domain Virtual Network Embedding, Chao Wang; Tao Dong; Duan Youxiang; Qifeng Sun; Peiyong Zhang (China University of Petroleum (East China), China) 1570683577: Dynamic Bandwidth Allocation for Multi-QoS Guarantee Based on Bee Colony Optimization, Yeqi Liu; Qi Zhang; Xiangjun Xin; Guixing Cao; Ying Tao; Yufei Shen (Beijing University of Posts&Telecommunication (BUPT), China) 1570680706: Smart Grid Security: Attack Modeling from a CPS Perspective, Bo Luo; Razvan Beuran; Yasuo Tan (University of Kansas, USA)</p>
	14:00-16:00	<p>Session3 Session Chair: Yaqing Jin (jyq@emails.bjut.edu.cn) Meeting Link: 1766901781@meetingsapac26.webex.com Meeting number (access code): 176 690 1781 Meeting password: 5vxJTe Conferece ID: 1570682448: Blockchain-Based Optical Network Slice Rental Approach for IoT, Fang Chen; Zifan Li; Bozhong Li; Chunxue Deng; Zhaoyu Tian; Nan Lin; Yu Wan; Bowen Bao (State Grid Information and Telecommunication Branch Beijing, China) 1570682642: Deep Reinforcement Learning Aided Computation Offloading and Resource Allocation for IoT, Yongkang Gong; Jingjing Wang; Tianzheng Nie (Beijing University Of Posts and Telecommunications, China) 1570687995: A Dynamic Bandwidth Allocation Scheme for Internet of Thing in Network-Slicing Passive Optical Networks, Fu Wang; Qinghua Tian; Qi Zhang; Feng Tian; Huan Chang; Xiangjun Xin (Beijing University of Posts and Telecommunications, China)</p>

		<p>KEYNOTE 2: Prof. Jalel Ben Othman, University Paris 13, France</p> <p>TITLE: Threats and solutions on V2V communications</p> <p>1570682668: Prediction and Optimization of ROP in the Absence of Geological and Lithological Information, Yue Zhu; Zhiming Yin; Hongbin Luo; Mengbo Li; Jingjing Wang; Yonghua Li (Beijing University of Posts and Telecommunications, China)</p> <p>1570683581: Fast Convergence RWA Algorithm Based on Ant Colony Algorithm, Wei Zhou; Qi Zhang; Qinghua Tian; Yufei Shen; Yeqi Liu; Yiqiang Li; Ying Tao; Guixing Cao; Cong Li (Beijing University of Posts&Telecommunication (BUPT), China)</p>
December 21, 2020 (Monday)	9:00-10:30	<p>Session4</p> <p>Session Chair: Tianle Mai (machealmi@gmail.com)</p> <p>Meeting Link: 1760661662@meetingsapac26.webex.com</p> <p>Meeting number (access code): 176 066 1662</p> <p>Meeting password: Vhs8Pu</p> <p>Conferece ID:</p> <p>Invited Talk 1: Ruijie Zhu, Zhengzhou University</p> <p>TITLE: Multi-Agent Deep Reinforced Virtual Task-Chain Deployment in EONs for Cloud-Edge Computing</p> <p>Invited Talk 2: Yajie Li, Beijing University of Posts and Telecommunications</p> <p>TITLE: Provisioning of Distributed Model Training in Edge Computing-enabled Optical Networks</p>
	10:30-12:00	<p>Session5</p> <p>Session Chair: Yongkang Gong (yongkanggong@bupt.edu.cn)</p> <p>Meeting Link: 1761488197@meetingsapac26.webex.com</p> <p>Meeting number (access code): 176 148 8197</p> <p>Meeting password: w8MHnu</p> <p>Conferece ID:</p> <p>1570677179: A Security-Aware Software-Defined IoT Network Architecture, Xinbin Zuo; Xue Pang; Pengping Zhang; Junsan Zhang; Tao Dong; Peiying Zhang (STATE GRID SHANDONG ELECTRIC POWER COMPANY, China)</p> <p>1570680608: IoT Based Smart Plant Irrigation System with Enhanced Learning, Kemal Serdaroglu; Cem Önel; Sebnem Baydere (Yeditepe University, Turkey)</p> <p>1570680671: An Experimental Evaluation of NB-IoT Coverage and Energy Consumption, Radheshyam Singh; Ying Yan (Technical University of Denmark, Denmark)</p> <p>1570680754: Resource Allocation Strategy of IoT Based on Network Slicing, Xue Pang; Peiying Zhang (China University of Petroleum (East China), China)</p>
	14:00-16:00	<p>Session6</p> <p>Session Chair: Li Dong (donglibupt@bupt.edu.cn)</p> <p>Meeting Link: 1766643496@meetingsapac26.webex.com</p> <p>Meeting number (access code): 176 664 3496</p> <p>Meeting password: 5ZPyns</p> <p>Conferece ID:</p> <p>1570683606: Intelligent Multipath Backup Ant Colony Routing Algorithm of Satellite Network Based on Betweenness Centrality, Rong Zhou; Qi Zhang; Ying Tao; Yufei Shen; Wei Zhang; Feng Tian; Qinghua Tian; Jinxi Qian (Beijing University of Posts&Telecommunication (BUPT), China)</p> <p>1570683633: An Elastic Resource Allocation Algorithm for Hybrid Requests in Satellite Optical Networks, Yiqiang Li; Qi Zhang; Guixing Cao; Ying Tao; Yufei Shen; Qinghua Tian</p>

		<p>(Beijing University of Posts&Telecommunication (BUPT), China)</p> <p>1570686820: Adaptive Snapshot Routing Strategy for Software Defined Multi-Domain Satellite Networks, Yue Liu; Yongli Zhao; Wei Wang; Jie Zhang (Beijing University of Posts and Telecommunications, China)</p> <p>1570680757: Research and Application of AI Services Based on 5G MEC in Smart Grid, Jiakai Hao; Guanghui Zhao; Wen Mingshi; Tianxiang Hai; Kun Cao; Shuai Zhao (State Grid Beijing Electric Power Company, China)</p> <p>1570684684: Performance Analysis in Multi-Relay DF Cognitive Relay Networks Under Nakagami-m Fading Channels, Qiqing Yang; Lingsen Zhu; Min Xie; Min Zhu; Hongmei Zhao (Nanjing University of Posts and Telecommunications, China)</p> <p>1570688918: Synchronization and Resource Allocation in Quantum Key Distribution Optical Networks, Zexian Li; Xiaosong Yu; Yongli Zhao; Jie Zhang (Beijing University of Posts and Telecommunications, China)</p>
December 22, 2020 (Tuesday)	9:00-9:40	<p>Session7</p> <p>Session Chair: Dong Guo (7520190141@bit.edu.cn)</p> <p>Meeting Link: 1764159955@meetingsapac26.webex.com</p> <p>Meeting number (access code): 176 415 9955</p> <p>Meeting password: 7UecAr</p> <p>Conferece ID:</p> <p>Invited Talk 3: Miao Pan, University of Houston</p> <p>TITLE: Internet of Underwater Things: Enabling Technologies of Underwater Communications and Hybrid Networking</p>
	9:40-11:30	<p>Session8</p> <p>Session Chair: Lei Yang (ylkino@foxmail.com)</p> <p>Meeting Link: 1766551846@meetingsapac26.webex.com</p> <p>Meeting number (access code): 176 655 1846</p> <p>Meeting password: 3PUaen</p> <p>Conferece ID:</p> <p>1570668805: Design of Time-Invariant SC-LDPC Codes Based on PEG Algorithm, Xiangyi Shi; Danfeng Zhao; Hai Tian; Tongzhou Han (Harbin Engineering University, China)</p> <p>1570677925: Energy Efficient Warehouse Management - A Greedy Optimization Approach, Sonali Mondal; Suraj Suhas; Vamsi Krishna Tumuluru (PES University, India)</p> <p>1570680559: Channel Estimation Based on DFT Interpolation and Out-Of-Band Spatial Information in Multi-User Millimeter Wave Systems, He Zou; Wendi Wang; Huarui Yin (University of Science and Technology of China, China)</p> <p>1570680646: A Multi-Frequency-Point Algorithm for Frequency-Selective IQ Imbalance Estimation in Massive MIMO System, Yifan Wang; Huarui Yin (University of Science and Technology of China, China)</p>