

**WEDNESDAY, DECEMBER 9 11:00 - 12:30 (Taiwan time)**

*P-S1: Communication Theory & Signal Processing* (Room: 4F Joy Lounge) (5 papers)

**(CT1): Capacity of Erasure Broadcast Channels with Single-User Delayed CSI and Common Messages**

Shih-Chun Lin (National Taiwan University of Science and Technology, Taiwan); Alireza Vahid (University of Colorado Denver, USA); I-Hsiang Wang (National Taiwan University, Taiwan)

**(CT7): Generalized SCL-Flip Decoding of Polar Codes**

Yi-Han Pan (National Tsing Hua University, Taiwan); Chung-Hsuan Wang (National Chiao Tung University, Taiwan); Yeong-Luh Ueng (National Tsing Hua University, Taiwan)

**(CT6): Decentralized SGD with Over-the-Air Computation**

Mehmet Emre Ozfatura (Imperial College London, United Kingdom (Great Britain)); Stefano Rini (National Chiao Tung University, Taiwan); Deniz Gündüz (Imperial College London, United Kingdom (Great Britain))

**(SPC3): Iterative Receiver with a Lattice-Reduction-Aided MIMO Detector for IEEE 802.11ax**

Yao-Pin Wang, Chi-Chih Wen and Chen-Chien Kao (National Taiwan University, Taiwan); Chung-Jung Huang and Der-Zheng Liu (Realtek, Taiwan); Chia-Hsiang Yang (National Taiwan University, Taiwan)

**(SPC1): Optimal Preamble Design for Short Packet Circularly Pulse-Shaped OFDM Transmissions**

Yenming Huang (National Taiwan University & Graduate Institute of Communication Engineering, Taiwan); Polin Huang and Borching Su (National Taiwan University, Taiwan)

**WEDNESDAY, DECEMBER 9 14:00 - 15:30 (Taiwan time)**

*P-S2: Resource Management & Mobile Networks* (Room: 4F Joy Lounge) (5 papers)

**(MWN1): Optimal Functional Split for Processing Sharing based CoMP for Mixed eMBB and uRLLC Traffic**

Yung-Ting Huang (National Chiao Tung University, Taiwan); Chun-Hao Fang (National Chiao Tung University, Taiwan); Li Hsiang Shen and Kai-Ten Feng (National Chiao Tung University, Taiwan)

**(AHSN5): Energy-Efficient UAV Deployment and IoT Device Association in Fixed-Wing Multi-UAV Networks**

Jen-Hao Chiu (National Tsing Hua University, Taiwan); Yung Ching Kuo (National TsingHua University, Taiwan); Jang-Ping Sheu and Yao-Win Peter Hong (National Tsing Hua University, Taiwan)

**(MWN13): DCOA: Double-Check Offloading Algorithm to Road-Side Unit and Vehicular Micro-Cloud in 5G Networks**

Qiu Bo-Jun, Cheng-Ying Hsieh and Jyh-Cheng Chen (National Chiao Tung University, Taiwan); Falko Dressler (TU Berlin, Germany)

**(SAC IoTSCC9): Image Download and Rate Allocation of Internet-of-Things Analytics at Gateways in Smart Cities**

Yu-Jung Wang, Vijay Dubey and Cheng-Hsin Hsu (National Tsing Hua University, Taiwan)

**(CQRM6): Mobility Prediction at Points of Interest Using Many-to-one Recurrent Neural Network**

Meng-Shiun Cheng, Jang-Ping Sheu and Nguyen Van Cuong (National Tsing Hua University, Taiwan); Yung Ching Kuo (National TsingHua University, Taiwan)

**WEDNESDAY, DECEMBER 9 16:00 - 17:30 (Taiwan time)**

*P-S3: Software Defined Networks* (Room: 4F Joy Lounge) (4 papers)

**(SAC IoTSSC7): Periodic Subflow-based Proactive Flow Installation Mechanism in SDN-based IoT**

Yun-Zhan Cai, Shao Ku Tien, Yu-Ting Wang and Meng-Hsun Tsai (National Cheng Kung University, Taiwan)

**(NGNI6): Isolation Guarantees with Flow Table Overflow in Software-Defined Networks**

Tzu-Wen Chang, Zhi-Hong Huang and You-Jia Chang (National Tsing Hua University, Taiwan); Jian-Jhih Kuo (National Chung Cheng University, Taiwan); Ming-Jer Tsai (National Tsing Hua University, Taiwan)

**(NGNI8): Fair VNF Provisioning in NFV Clusters via Node Labeling**

Tzu-Wen Chang (National Tsing Hua University, Taiwan); Tung-Wei Kuo (National Chengchi University, Taiwan); Ming-Jer Tsai (National Tsing Hua University, Taiwan)

**(NGNI6): An Efficient Dynamic Rule Placement for Distributed Firewall in SDN**

Yu-Wei Chang (National Taiwan University & Graduate Institute of Communication Engineering, Taiwan); Tsungnan Lin (National Taiwan University, Taiwan)

**(SAC ANS2): Prototyping of Open Source NB-IoT Network**

ChiehChun Chen, Ray-Guang Cheng and Chung-Yin Ho (National Taiwan University of Science and Technology, Taiwan); Matthieu Kanj (B-com, France); Bruno Mongazon-Cazavet (Nokia Bell Labs France, France); Navid Nikaein (Eurecom, France)