

Globecom2024 SAC AC: 2024 IEEE Global Communications Conference: Selected Areas in Communications: Aerial Communications

SAC-AC-S01 (*Machine learning for UAVs*)

Session time	Mon, Dec 9 16:00-17:30
Location	Suite 1.54
Talk time per paper	15
Chaired by	Yuanjian Li (Nanyang Technological University, Singapore)

Paper	Paper details	Was the paper presented?	Name of presenter
1	<i>Energy-Efficient UAV-Aided Computation Offloading on THz Band: A MADRL Solution</i> Yuanjian Li (Nanyang Technological University, Singapore); A S Madhukumar (Nanyang Technological University, Singapore); Ernest Tan Zheng Hui (Agency for Science Technology and Research, Singapore); Gan Zheng (University of Warwick & Loughborough University, United Kingdom (Great Britain)); Walid Saad (Virginia Tech, USA); Hamid Aghvami (King's College London, United Kingdom (Great Britain)) [1571011540]		Yuanjian Li
2	<i>Hierarchical Network Slicing for Time-Varying UAV-assisted Wireless Networks: Dynamic Programming Beyond Distributed Learning</i> Fengsheng Wei (Yangtze Delta Region Institute (Huzhou) University of Electronic Science and Technology of China & University of Electronic Science and Technology of China, China); Gang Feng (University of Electronic Science and Technology of China, China); Shuang Qin (University of Electronic Science and Technology of China, China); Youkun Peng (University of Electronic Science and Technology of China, China); Yijing Liu (University of Electronic Science and Technology of China, China) [1571020497]		
3	<i>Trajectory and Beamforming Optimization in UAV-enabled ISAC System</i> Qian Gao (Queen Mary University of London, United Kingdom (Great Britain)); Ruikang Zhong (Queen Mary University of London, United Kingdom (Great Britain)); Yuanwei Liu (The University of Hong Kong, Hong Kong) [1571022012]		
4	<i>Computation Offloading in NTN-empowered MEC using Multi-Agent Distributed Deep Reinforcement Learning</i> Nida Fatima (BITS Pilani, India); Paresh Saxena (BITS Pilani, India); Giovanni Giambene (University of Siena, Italy) [1571026494]		
5	<i>5G-based Ground Risk Mitigation for UAVs: A Deep Reinforcement Learning Approach</i> Mohammed Lahouari Harchaoui (Ecole Nationale Supérieure d'Informatique (ESI), Algeria); Sihem Ouahouah (Aalto University, Finland); Oussama Bekkouche (Aalto University, Finland); Miloud Bagaa (UQTR University, Canada); Derouiche Abir (Ecole Nationale Supérieure d'Informatique (ESI), Algeria) [1571026569]		

Comments

