



IEEE International Conference on Advanced Networks and Telecommunications Systems

13-16 December 2021, IDRBT, Hyderabad, India

Technical Track - 3 Wireless Networks

December 14, 2021 (Tuesday)

11.30 AM – 1.00 PM

1. A Novel Load Estimation Based Dynamic CBAP Allocation Policy for mmWave WLANs

M. P. R. S. Kiran (Indian Institute of Technology Jodhpur, India); P Rajalakshmi (Indian Institute of Technology Hyderabad, India)

2. Hybrid BLE/LTE/Wi-Fi/LoRa Switching Scheme for UAV-Assisted Wireless Networks

Wilson Ayyanthole Nelson, Yeduri Sreenivasa Reddy and Ajit Jha (University of Agder, Norway); Abhinav Kumar (Indian Institute of Technology Hyderabad, India); Linga Reddy Cenkeramaddi (University of Agder, Norway)

3. Reinforcement Learning for Admission Control in Wireless Virtual Network Embedding

Haitham Afifi and Fabian Jakob Sauer (Paderborn University, Germany); Holger Karl (Hasso Plattner Institute, Germany)

4. Centralized vs Decentralized Resource Analysis of Green FiWi Networks

Kinshu Kumar and Akshita Gupta (Indraprastha Institute of Information Technology Delhi, India); Vivek A Bohara (Indraprastha Institute of Information Technology Delhi, India); Anand Srivastava (Indraprastha Institute of Information Technology Delhi, India)

5. A Contact-Based Classification to Aid Routing in Heterogeneous Wireless Networks

Sara El Alaoui (Purdue University, USA); Byrav Ramamurthy (University of Nebraska-Lincoln, USA)