
Technical Track - 7
Cellular Networks

December 16, 2021 (Thursday)

11.30 AM – 1.00 PM

1. Optimal Coverage-Aware Hovering UAV Height

Poonam Lohan (Punjab Engineering College Chandigarh, India); Deepak Mishra (University of New South Wales (UNSW) Sydney, Australia); Neena Gupta (PEC University of Technology, India)

2. A Cooperative Federated Learning Mechanism for Collision Avoidance using Cellular and 802.11p based Radios Opportunistically

Suhel Sajjan Magdum (Indian Institute of Technology Hyderabad, India); Antony Franklin A (Indian Institute of Technology Hyderabad, India); Bheemarjuna Reddy Tamma (Indian Institute of Technology Hyderabad, India)

3. Adaptive Sparse Aware Algorithm based Channel Estimation for mmWave Hybrid MIMO System

Vidya Bhasker Shukla (Indian Institute of Technology Indore, India); Rangeet Mitra (ETS Montreal, Canada); Vimal Bhatia (Indian Institute of Technology Indore, India)

4. Performance of an Adaptive Cooperative NOMA Scheme with Transmit Antenna Selection

Amrita Mukherjee (National Institute of Technology Durgapur, India); Pratik Chakraborty (Indian Institute of Information Technology Kalyani, India); Shankar Prakriya (Indian Institute of Technology Delhi, India); Ashis Kumar Mal (National Institute of Technology Durgapur, India)

5. Compressive Sensing based Low Complexity Terahertz Receiver

Vaishali Sharma and Vimal Bhatia (Indian Institute of Technology Indore, India); Sanjeev Sharma (Indian Institute of Technology (BHU) Varanasi, India)

6. Comparative Study on Error in MIMO Radar DOA Estimation

Tata V Srinivasa Rao and Lakshi Roy (National Institute of Technology, Rourkela, India); KamalaKanta Mahapatra (National Institute of Technology Rourkela, India)