



IEEE International Conference on Advanced Networks and Telecommunications Systems

13-16 December 2021, IDRBT, Hyderabad, India

Technical Track - 2 5G Networks

December 14, 2021 (Tuesday)

11.30 AM – 1.00 PM

1. Efficient Service Allocation Scheduling Algorithms for 5G User Equipments in Slice-in-Slice Networks

Sharvari Ravindran (International Institute of Information Technology Bangalore, India); Saptarshi Chaudhuri and Jyotsna Bapat (International Institute of Information Technology Bangalore, India); Debabrata Das (International Institute of Information Technology - Bangalore, India)

2. Method for Optimal Resource Allocation during RRC Connection Establishment in 5G NR

Isha Maheshwari (Samsung R&D Institute Bangalore, India); Raju Gupta (Samsung R&D Institute Bangalore, India)

3. Resolving Coverage and Interference conflicts in 5G

A. R. Ashok Kumar (Rashtreeya Vidyalaya College of Engineering, India); Harsha Hoovinalli (Cisco Systems, India); Girish Rao Salanke N S (Rashtreeya Vidyalaya College of Engineering, India)

4. 5G Networks for Industrial Applications: The Ecosystem of NPNs

Gabor Soos (Budapest University of Technology and Economics & Magyar Telekom Nyrt, Hungary); Daniel Ficzer (Budapest University of Technology and Economics, Hungary); Roberto Padovani (Marpos S.p.A., Italy); Attila Frankó (Budapest University of Technology and Economics, Hungary); Sándor Veress (T-Systems Hungary, Hungary); Pál Varga (Budapest University of Technology and Economics, Hungary)

5. OCTANE: A Joint Computation Offloading and Resource Allocation Scheme for MEC Assisted 5G NR Vehicular Networks

Veerendra Kumar Gautam (Indian Institute of Technology Hyderabad, India); Chinmay Tompe (NYU Tandon School of Engineering, USA); Bheemarjuna Reddy Tamma (Indian Institute of Technology Hyderabad, India); Antony Franklin A (Indian Institute of Technology Hyderabad, India)

6. Energy Efficient On/Off Switching of mmRSUs for 5G Vehicular Networks

Moyukh Laha (Indian Institute of Technology Kharagpur, India); Raja Datta (Indian Institute of Technology Kharagpur, India)