



**IEEE International Conference on Advanced Networks
and Telecommunications Systems**

13-16 December 2021, IDRBT, Hyderabad, India

Technical Track - 13
Short Papers

December 16, 2021 (Thursday)

4.00 PM – 5.30 PM

1. How Much Can Edge Offload? A Tradeoff Between the Delay and Energy Consumption

Peiyan Yuan, Saike Shao, Lijuan Geng and Xiaoyan Zhao (Henan Normal University, China)

2. Approximations and their Validations for RIS-assisted SISO systems

Saksham Bhushan and Sai Teja Suggala (Indian Institute of Technology Bhilai, India); Arzad Kherani (Indian Institute of Technology, Bhilai, India); Thazhathe Veetil Sreejith (Indian Institute of Technology Bhilai, India)

3. 2-Dimensional Reconfigurable Reflecting Unit Cell for THz Communication

Monisha Selvaraj (Sastra University, India); Ramya Vijay (SASTRA University, India)

4. Towards simulating dynamic routing and wavelength assignment using GNP_y and SIMON

Boyang Hu and Byrav Ramamurthy (University of Nebraska-Lincoln, USA)

5. A Simple Octagonal Wideband Frequency and Pattern reconfigurable Antenna for multiband operations

Bhakkialakshmi R and Vasanthi M s (SRM Institute of Science and Technology, India)