

**Technical Track - 10**

**Spectrum and Channels in Cellular Networks**

**December 16, 2021 (Thursday)**

**2.00 PM – 3.30 PM**

- 1. Detection for Spectrum Sensing in CRN Under Impact of Distributional Uncertainty of Noise and Interference**  
Madhukar Mohanrao Deshmukh (KL University, India); Albena Mihovska and Ramjee Prasad (Aarhus University, Denmark)
- 2. A Robust Adaptive Algorithm using Inverse Square Root Cost Function for Underwater Channel Estimation**  
Bishnu Prasad Mishra and Annet Wilson (National Institute of Technology Goa, India); Trilochan Panigrahi (National Institute of Technology, Goa, India); Samrat Sabat (University of Hyderabad, India)
- 3. Performance Evaluation of Conventional Spectrum-Allocation Policies for C+L Band Elastic Optical Networks**  
Rana K. Jana (Indraprastha Institute of Information Technology Delhi, India); Bijoy Chand Chatterjee (South Asian University, India); Abhishek P. Singh (Indraprastha Institute of Information Technology Delhi, India); Anand Srivastava (Indraprastha Institute of Information Technology Delhi, India); Biswanath Mukherjee (University of California, Davis, USA); Andrew Lord (British Telecom, United Kingdom (Great Britain)); Abhijit Mitra (Indraprastha Institute of Information Technology Delhi, India)
- 4. Dynamic Page Pattern detection and validation for Cellular Networks in DSDS device**  
Rushabh Avinash Vakharia (Samsung R&D Institute Bangalore, India); Lalit Pathak (Samsung R&D Institute Bangalore, India)
- 5. On the Spectral Performance of Dimming-based Multilevel Modulation Schemes for VLC Systems**  
Rishu Raj (Indian Institute of Technology Delhi, India); Abhishek Dixit (Indian Institute of Technology Delhi & IBBT, India)
- 6. Traffic Aware Optimal Bandwidth Segmentation for Low Latency Communication in 5G**  
Ujjwal Pawar and Aditya Chilukuri (Indian Institute of Technology, Hyderabad, India); Antony Franklin A (Indian Institute of Technology Hyderabad, India).