



Technical Track - 11
Simulation and Modeling

December 16, 2021 (Thursday)

2.00 PM – 3.30 PM

1. Short-cuts on Quantum Network Simulators

Panduranga Rao V Marella (Indian Institute of Technology Hyderabad, India); Anubhav Srivastava (IIT Hyderabad, India); Devendra Mishra (Qulabs Software India Pvt Ltd, India); Madhuri Annavazzala (IIT Hyderabad, India); Nixon Patel (Qulabs Software India Pvt Ltd, India); Antony Franklin A (Indian Institute of Technology Hyderabad, India)

2. Analyzing Quantum Network Routing Protocols through Time-Driven Simulations

Panduranga Rao V Marella (Indian Institute of Technology Hyderabad, India); Anvesh Bendalam (IIT Hyderabad, India); Antony Franklin A (Indian Institute of Technology Hyderabad, India); Annavarapu Phaneendra, Marapally Anuraag, Jupally Nishith, Anubhav Srivastava and Krishnam Dhanush (IIT Hyderabad, India); Devendra Mishra and Nixon Patel (Qulabs Software India Pvt Ltd, India)

3. Dynamic Network Slicing using Deep Reinforcement Learning

Swaraj Kumar (Samsung R&D Institute, India); Satya Kumar Vankayala (Samsung R&D Institute Bangalore, India); Devashish Singh (Samsung R&D Institute, India); Ishaan Roy (BITS Pilani Goa Campus, India); Biswapratap Singh Sahoo (Samsung R&D Institute Bangalore, India); Seungil Yoon (Samsung Electronics, Korea (South)); Samuel Kanakaraj (Samsung R&D Institute, India)

4. Future Backbone Optical Networks: Fiber Densification Versus Network Densification

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