



Gold Sponsors:



www.5GSummit.org

Monday 14th of May 2018

Technology Innovation Centre, University of Strathclyde, Glasgow, G1 1RD, Scotland UK

PhD Research Posters Sessions

Presentation Times: 9:30am-10:00am; 1115am to 1145am; 1245pm – 2:00pm; 330pm-4:00pm

Session Chair: Professor Muhammad Imran, University of Glasgow

Poster Titles:

- Reinforcement Learning Enabled Unmanned Aerial Vehicles in Pop-Up Cellular Networks.**
P.V. Klaine, S.Y. , R.D. Souza, J. Pedro Battistella Nadas, & M. A. Imran. University of Glasgow
- Backward Compatibility Compact 5G Antenna Arrays Using Nested Topology & Phase-Change Materials.**
D.E. Anagnostou, Heriot Watt University.
- Maximizing Energy Efficiency with Optimal Resource Allocation in URLLC for Real- Time Wireless Control**
Bo Chang, Guodong Zhao, & Zhi Chen . UESTC Chengdu, China
- Directly modulating antennas for wideband Internet of Things downlink.**
S. Henthorn. University of Sheffield
- Using Deep Learning for Simultaneous Classification and Demodulation of Wireless Comms Systems.**
S. Kalade, L. Crockett, R. Stewart, University of Strathclyde.
- Towards a Unified Massively Parallelizable Framework for Next Generation Mobile Systems.**
K. Nikitopoulos, G. Georgis, C. Husmann, C. Jayawardena & R. Tafazolli. University of Surrey, UK.
- World's First Virtualised 5G Core with Dynamic Network Slicing.**
Y. Rahulan, S. Vural, G. Kamel, R. Spencer, G. Luzzati, C. Clark, and B.W. Oh. University of Surrey, UK
- Leveraging Retransmissions in Wireless Networked Control Systems with Packetized Predictive Control.**
J.P. Battistella Nadas, G. Zhao, R. Demo Souza & M.A. Imran, University of Glasgow
- Efficient group communications in NB-IoT.**
G. Tsoukaneri. University of Edinburgh
- EVaaS: A Novel Framework for On-Demand Electric Vehicle and Critical Load Association to Improve Resilience in Smart Cities.**
I.A. Umoren & M.Z. Shakir. University of the West of Scotland
- DIY Model for Mobile Network Deployment: A Step Towards 5G for All.**
M Kassem. University of Edinburgh

12. **Uplink Performance of Cell-Free Massive MIMO with Access Point Selections.**
T. X. Doan, H.Q. Ngo & T.Q.. Duong. Queen's University Belfast
13. **Teleoperation Systems for Diverse Applications.**
M. Mahlouji, T. Mahmoodi. Kings College London
14. **Energy efficiency evaluation framework of the ultra dense network.**
H. Fu and T. O'Farrell. University of Sheffield
15. **TVWS and Dynamic Spectrum Sharing and Coexistence Design and Strategy**
D. Anderson,, D. Crawford, M. Brew, University of Strathclyde,
16. **Beyond 5G: Applications of Terahertz in Future AgriTech Systems.**
A. Zahid, K. Yang, H. Heideri, M.A. Imran, A. Alomainy and Q. H. Abbasi. University of Glasgow
17. **Millimetre-Wave Multiband 2D Antenna Array for 5G Networks.**
S.F. Jilani, Q. H. Abassi and A. Alomainy. Queen Mary University of London
18. **Dynamic Spectrum Access Technologies for Next Generation IoT.**
K. Barlee, R.Stewart, L.Crockett, University of Strathclyde.
19. **A novel unsynchronized LED-based positioning algorithm towards next generation IoT.**
O. R. Popoola, S. Sinanovic, W. O. Popoola, R. Ramirez-Iniguez, Glasgow Caledonian University
20. **Integrated Communications for Cooperative Intelligent Transportation Systems.**
S. Ansari, T. Boutaleb, S. Sinanovic, C. Gamio, Glasgow Caledonian University
21. **Dual operative Radar for Vehicle to Vehicle (V2V) and Vehicle to Infrastructure (V2I)**
S. Pasquale, University of Strathclyde

END