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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:

1. **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

2. **Backward Compatibility Compact 5G Antenna Arrays Using Nested Topology & Phase-Change Materials.**
   D.E. Anagnostou, Heriot Watt University.

3. **Maximizing Energy Efficiency with Optimal Resource Allocation in URLLC for Real- Time Wireless Control**
   Bo Chang, Guodong Zhao, & Zhi Chen . UESTC Chengdu, China

4. **Directly modulating antennas for wideband Internet of Things downlink**.
   S. Henthorn. University of Sheffield

5. **Using Deep Learning for Simultaneous Classification and Demodulation of Wireless Comms Systems.**
   S. Kalade, L. Crockett, R. Stewart, University of Strathclyde.

6. **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.

7. **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

8. **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

9. **Efficient group communications in NB-IoT.**
   G. Tsoukaneri. University of Edinburgh

10. **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

11. **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

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