**COLLEGE OF POSTGRADUATE STUDIES**

**NNAMDI AZIKIWE UNIVERSITY**

**AWKA**

**PROFILING OF POSTGRADUATE SUPERVISORS**

**List of Potential Supervisors (According to Faculty & Department)**

1. **FACULTY OF ENGINEERING**
2. **Department of Electronic and Computer Engineering**

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| --- | --- | --- | --- | --- | --- | --- |
| **S/N** | **Potential Supervisor** | **Rank** | **Research Expertise and Interests** | **Programme Approved to Supervise** | **Ten Key Publications**  **in Specialty Area(s)** | **E-mail**  **(UNIZIK only)** |
| 1. | Oguejiofor, Obinna Samuel | Senior  Lecturer | Wireless Communication and Signal Processing: heterogeneous networks, multi-antenna communications, radio resource allocation, spectral and energy efficient communication, wireless sensor networks and 5G systems. | PGD& Masters | 1. O.S. Oguejiofor *et al,* (2013) “Trilateration Based Localization Algorithm for Wireless Sensor Network**,**” *International Journal of Innovative Science and Modern Engineering (IJISME)*, Vol.1, issue 10, pp. 21--27. 2. O. Oguejiofor *et al* (2013), “Outdoor Localization System using RSSI Measurement of Wireless Sensor Networks**,**” *International Journal of Innovative Technology and Exploring Engineering (IJITEE),* Vol.2, issue 2, pp. 1--6. 3. O.S. Oguejiofor *et al* (2018), “UE-Centric Clustering and Resource Allocation for Practical Two-Tier Heterogeneous Cellular Networks,” *IET Communication*, Vol. 12, Issue 18, pp. 2384—2392*.* 4. O. Oguejiofor *et al* (2018), “Distributed Resource Allocation for two-tier Heterogeneous Cellular Networks,” *IUP Journal of Telecommun*., Vol. 10, Issue 2, pp. 7—33. 5. O. Oguejiofor *et al* (2018), “Interference Issues and Management Techniques in Heterogeneous Cellular Networks: A Review,” *IUP Journal of Telecommun*., Vol. 10, Issue 4, pp. 7—28, 2018*.* 6. O Oguejiofor, L Zhang, (2016)'' Global Optimization of Weighted Sum-Rate for Downlink Heterogeneous Cellular Networks,'' in *proc. 23rd Int. Conf. on Telecommun.* Thessaloniki, Greece, pp. 1-6. 7. O Oguejiofor, L Zhang and N Nawaz, (2017)'' Resource Allocation for Practical Two-Tier Heterogeneous Cellular Networks,'' in *proc. 23rd European Wireless (EW).* Dresden, Germany, pp. 1-6. 8. O Oguejiofor, L Zhang and A Mohanad, (2017) “Decentralized Resource Allocation for Heterogeneous Cellular Networks,” in *proc. 14th International Symposium on Wireless Communication Systems (ISWCS)*. Bologna, Italy, pp. 1-6. 9. O Oguejiofor, L Zhang, (2016)'' Heuristic Coordinated Beamforming for Heterogeneous Cellular Network,'' in *proc*. *IEEE 83rd Veh. Tech. Conf*., Nanjing, China, pp. 1-5. 10. A Mohanad, L Zhang and O Oguejiofor, (2017) “Inbound Handover Interference-Based Margin for load Balancing in Heterogeneous Networks,” in *proc. 14th International Symposium on Wireless Communication Systems (ISWCS)*. Bologna, Italy, pp. 1-6. | os.oguejiofor@unizik.edu.ng |