





























- IEEE, 2017.
- [33] E. Pateromichelakis, M. Shariat, A. ul Quddus, and R. Tafazolli. On the evolution of multi-cell scheduling in 3GPP LTE/LTE-A. *IEEE Communications Surveys & Tutorials*, 15(2):701–717, 2013.
- [34] R. Ratasuk, J. Tan, and A. Ghosh. Coverage and capacity analysis for machine type communications in LTE. In *Vehicular Technology Conference (VTC Spring), 2012 IEEE 75th*, pages 1–5. IEEE, 2012.
- [35] A. S. Shafiq, B. Lorenzo, S. Glisic, J. Pérez-Romero, L. A. DaSilva, A. B. MacKenzie, and J. Röning. A framework for dynamic network architecture and topology optimization. *IEEE/ACM Transactions on Networking*, 24(2):717–730, 2016.
- [36] C. Shahriar, M. La Pan, M. Lichtman, T. C. Clancy, R. McGwier, R. Tandon, S. Sodagari, and J. H. Reed. PHY-layer resiliency in OFDM communications: A tutorial. *IEEE Communications Surveys & Tutorials*, 17(1):292–314, 2015.
- [37] I. Siomina and D. Yuan. Load balancing in heterogeneous LTE: Range optimization via cell offset and load-coupling characterization. In *Communications (ICC), 2012 IEEE International Conference on*, pages 1357–1361. IEEE, 2012.
- [38] I. Siomina and D. Yuan. Optimizing small-cell range in heterogeneous and load-coupled LTE networks. *IEEE Transactions on Vehicular Technology*, 64(5):2169–2174, 2015.
- [39] S. Tekinay. *Next generation wireless networks*, volume 598. Springer Science & Business Media, 2006.
- [40] H. Thapliyal, V. Khalus, and C. Labrado. Stress detection and management: A survey of wearable smart health devices. *IEEE Consumer Electronics Magazine*, 6(4):64–69, Oct 2017.
- [41] J. Wang and R. Rouil. Assessing coverage and throughput for d2d communication. In *2018 IEEE International Conference on Communications (ICC)*, pages 1–6, May 2018.
- [42] Q. Wang, W. Wang, S. Jin, H. Zhu, and N. T. Zhang. Smart media pricing (smp): Non-uniform packet pricing game for wireless multimedia communications. In *2016 IEEE Conference on Computer Communications Workshops (INFOCOM WKSHPS)*, pages 27–32, April 2016.
- [43] W. Wang and Q. Wang. Price the QoE, not the data: SMP-economic resource allocation in wireless multimedia Internet of Things. *IEEE Communications Magazine*, 56(9):74–79, Sept 2018.
- [44] W. Wang, Q. Wang, and K. Sohrawy. Multimedia sensing as a service (msaas): Exploring resource saving potentials of at cloud-edge iot and fogs. *IEEE Internet of Things Journal*, 4(2):487–495, April 2017.
- [45] Y.-C. Wang and C.-A. Chuang. Efficient eNB deployment strategy for heterogeneous cells in 4G LTE systems. *Computer Networks*, 79:297–312, 2015.
- [46] W. H. Wong, J. K. Ng, and W. M. Yeung. Wireless LAN positioning with mobile devices in a library environment. In *Distributed Computing Systems Workshops, 2005. 25th IEEE International Conference on*, pages 633–636. IEEE, 2005.
- [47] S. Wu, J. B. Rendall, M. J. Smith, S. Zhu, J. Xu, H. Wang, Q. Yang, and P. Qin. Survey on prediction algorithms in smart homes. *IEEE Internet of Things Journal*, 4(3):636–644, June 2017.
- [48] Y. Wu, W. Yu, D. Griffith, and N. Golmie. A dynamic rate adaptation scheme for M2M communications. In *Communications (ICC), 2018 IEEE International Conference on*. IEEE, 2018.
- [49] Y. Wu, W. Yu, D. W. Griffith, and N. Golmie. Modeling and performance assessment of dynamic rate adaptation for m2m communications. *IEEE Transactions on Network Science and Engineering*, pages 1–1, 2018.
- [50] Y. Wu, W. Yu, F. Yuan, J. Zhang, C. Lu, J. Nguyen, and D. Ku. A cross-domain optimization scheme for manet communications in heterogeneous networks. *EAI Endorsed Transactions on Wireless Spectrum*, 3(12), 12 2017.
- [51] H. Xu, W. Yu, D. Griffith, and N. Golmie. A survey on industrial internet of things: A cyber-physical systems perspective. *IEEE Access*, pages 1–1, 2018.
- [52] H. Xu, W. Yu, A. Hematian, D. Griffith, and N. Golmie. Performance evaluation of energy efficiency with sleep mode in ultra dense networks. In *2018 International Conference on Computing, Networking and Communications (ICNC)*, pages 747–751, March 2018.
- [53] W. Yu, F. Liang, X. He, W. G. Hatcher, C. Lu, J. Lin, and X. Yang. A survey on the edge computing for the internet of things. *IEEE Access*, 6:6900–6919, 2018.
- [54] W. Yu, H. Xu, A. Hematian, D. Griffith, and N. Golmie. Towards energy efficiency in ultra dense networks. In *2016 IEEE 35th International Performance Computing and Communications Conference (IPCCC)*, pages 1–8, Dec 2016.
- [55] W. Yu, H. Xu, J. Nguyen, E. Blasch, A. Hematian, and W. Gao. Survey of public safety communications: User-side and network-side solutions and future directions. *IEEE Access*, pages 1–1, 2018.
- [56] W. Yu, H. Xu, H. Zhang, D. Griffith, and N. Golmie. Ultra-Dense Networks: Survey of state of the art and future directions. In *Proc. of IEEE 25th International Conference on Computer Communication and Networks (ICCCN)*, 2016.
- [57] W. Yu, H. Zhang, Y. Wu, D. Griffith, and N. Golmie. A framework to enable multiple coexisting internet of things applications. In *2018 International Conference on Computing, Networking and Communications (ICNC)*, pages 637–641, March 2018.
- [58] J. Zhang, C. Lu, and W. Yu. Towards lte/lte-a bandwidth efficiency in internet-of-things. In *Proc. of IEEE/ACIS International Conference on Computer and Information Science (ICIS)*, June 2019.