















- [3] M.Zimmerman and K.Dostert, "A multipath model for power line channel," *IEEE Transactions on Communications*, vol. 50, Issue. 4, pp. 553-559, 2002.
- [4] Fabio Versolatto and Andrea M.Tonello, "An MTL Theory Approach for the simulation of MIMO Power Line Communication Channels," *IEEE Transactions on Power Delivery*, vol. 26, Issue. 3, pp. 1710-1717, 2011.
- [5] Stefano Galli and Thomas Banwell, "A Novel Approach to the modeling of the Indoor power line channel- part II: Transfer function and its properties," *IEEE Transactions on power delivery*, vol. 20, Issue. 3, pp. 1869-1878, 2005.
- [6] Thomas Banwell and, Stefano Galli, "A Novel Approach to the modeling of the Indoor power line channel- part I: Circuit analysis and companion model," *IEEE Transactions on power delivery*, vol. 20, Issue. 3, pp. 655-663, 2005.
- [7] L.T.Pang, P.L.So, E.Gunawan, T.T.Lie, "Characterization and Modeling of In-Building Power Lines for High-Speed Data Transmission," *IEEE Trans. on Power Delivery*, vol 18, Issue. 1, Jan 2003.
- [8] A.M. Tonello and F.Versolatto, "In-Home Power Line Communication Channel: Statistical Characterization," *IEEE Transactions on Communications*, vol. 62, Issue. 6, pp. 2096-2106, 2014.
- [9] S. Galli, "A single two-tap statistical model for power line channel," in *Proc. of International Symposium for Power line communication*, pp. 242-248, Mar 2010
- [10] M.Tilch, A.Zeddiam, A.Moulin, and F.Gauthier, "Indoor Power-Line Communications Channel Characterization up to 100 MHz- Part I: One-Parameter Deterministic Model," *IEEE Trans. Power Del.*, vol 23, Issue. 3, pp. 1392- 1401. Jul 2008.
- [11] Thiago R.Oliveira, Camila B.Zellar Sergio L.Netto, and Moises V.Ribeiro, "Statistical Modeling of the Average Channel Gain and Delay Spread in In-Home PLC Channels," *IEEE International Symposium on Power Line Communication and its Applications*, 2015.
- [12] P.Mlynek, J.Misurec, M.Koutny, R.Fujdiak, and T.Jedlicka, "Analysis and Experimental Evaluation of Power Line Transmission Parameters for Power Line Communication" *Measurement Science Review*, vol. 15, Issue. 2, pp.64-71, 2015.
- [13] G.Marrocco, D.Statovci, and Martin Wolkerstorfer, FTW PLC Simulator [computer software]. Wien, Austria, 2014.
- [14] H.Meng, S.Chen, Y.L.Guan, C.L.Law, P.L.So, E.Gunawan, and T.T.Lie, "Modeling of Transfer Characteristics for the Broadband Power Line Communication Channel," *IEEE Transactions on Power Delivery*, vol. 19, Issue. 3, pp. 1057-1064, 2004.
- [15] Shashidhar Kasthala and GKD Prasanna Venkatesan, 'Experimental verification of distributed parameters on Indian residential networks for power line communication,' *International Journal of Engineering & Technology*, vol 8, Issue. 6 2016.
- [16] A.M. Tonello, F.Versolatto, B.Béjar and S.Zazo, 'A Fitting Algorithm for Random Modeling the PLC Channel,' *IEEE Trans. on Power Del.*, vol 27, Issue.3, pp.1477-1484, Jun 2012.
- [17] Shashidhar Kasthala and GKD Prasanna Venkatesan, "Estimation of MIMO Power Line Communication channel using multi-conductor transmission line theory," *2nd IEEE International Conference on Applied and Theoretical Computing and Communication Technology*, pp. 809-814, 2016.
- [18] William C.Black, "Power Line S-Parameter Characterization using Open-Source Tools," *IEEE International Symposium on Power Line Communication and its Applications*, 2015.
- [19] T. Esmailian, P. G. Gulak, and F. R. Kschischang, "A discrete multitone power line communications system," *IEEE International Conference on Acoustics, Speech and Signal Processing, Istanbul, Turkey, Jun. 2000*.
- [20] Gassara, H, F. Rouissi and A. Ghazel, "Narrowband stationary noise characterization and modeling for power line communication," 13<sup>th</sup> International Symposium on Communications and Information Technologies, 2013.