

Bettstetter: Ten selected publications

- [1] C. Weiß, C. Bettstetter, S. Riedel, “Code construction and decoding of parallel concatenated tail-biting codes,” *IEEE Transactions on Information Theory*, 47(1):368–388, 2001.
- [2] C. Bettstetter, G. Resta, P. Santi, “The node distribution of the random waypoint mobility model for wireless ad hoc networks,” *IEEE Transactions on Mobile Computing*, 2(3):257–269, 2003.
- [3] C. Bettstetter, “On the connectivity of ad hoc networks,” *The Computer Journal*, 47(4):432–447, 2004, Oxford University Press.
- [4] C. Bettstetter, H. Hartenstein, X. Pérez-Costa, “Stochastic properties of the random waypoint mobility model,” *ACM Wireless Networks*, 10(5):555–567, 2004.
- [5] C. Prehofer, C. Bettstetter, “Self-organization in communication networks: Principles and design paradigms,” *IEEE Communications Magazine*, 43(7):78–85, 2005.
- [6] J. Klinglmayr, C. Kirst, C. Bettstetter, M. Timme, “Guaranteeing global synchronization in networks with stochastic interactions,” *New Journal of Physics*, 14:073031, 2012.
- [7] U. Schilcher, C. Bettstetter, G. Brandner, “Temporal correlation of interference in wireless networks with Rayleigh block fading,” *IEEE Transactions on Mobile Computing*, 11(12):2109–2120, 2012.
- [8] N. Marchenko, T. Andre, G. Brandner, W. Masood, C. Bettstetter, “An experimental study of cooperative relaying protocols in industrial wireless sensor networks,” *IEEE Transactions on Industrial Informatics*, 10(3):1806–1816, 2014.
- [9] U. Schilcher, S. Toumpis, M. Haenggi, A. Crismani, G. Brandner, C. Bettstetter, “Interference functionals in Poisson networks,” *IEEE Transactions on Information Theory*, 62(1):370–383, 2016.
- [10] E. Yanmaz, S. Yahyanejad, B. Rinner, H. Hellwagner, C. Bettstetter, “Drone networks: Communications, coordination, and sensing,” *Ad Hoc Networks*, 68:1–15, 2018.

Each publication contains a link to its DOI (Digital Object Identifier).