LIST OF PUBLICATIONS

ERIK G. LARSSON

Books:


Chapters in Books:


Journal Papers:


TDD versus FDD: What do measurements say?,” IEEE Transactions on Wireless

efficiency of cell-free massive MIMO,” IEEE Transactions on Green Communications and

information in massive MIMO systems,” IEEE Transactions on Wireless Communications,

[26] P. Chandhar, D. Danev and E. G. Larsson, “Massive MIMO for communications with
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[27] T. Van Chien, E. Björnson and E. G. Larsson, “Joint pilot design and uplink power allocation in
multi-cell massive MIMO systems,” IEEE Transactions on Wireless Communications, vol. 17,

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MMSE processing: exploiting all pilots for interference suppression,” EURASIP Journal on
Wireless Communications and Networking, 2017.

and data access in Massive MIMO for machine-type communications,” IEEE Transactions on


**Editorials in Journal Special Issues:**


**Conference Papers:**


Granted patents:


Publicly Available Software:

[1] Contributions as developer to IT++ (open-source C++ class library for scientific computing, see http://itpp.sf.net): GF(2) matrix algebra module, vector/MIMO modulator/demodulator module, fast likelihood algebra calculation module, and classes for LDPC coding. GNU GPL, mostly developed 2005–2007; later on refined by others.