

## *Publication List, Jesper Larsson*

*(updated August 2014)*

### *Research Publications*

- *Extended application of suffix trees to data compression*, IEEE Data Compression Conference, March 1996.
- *Suffix trees on words* (with Arne Andersson and Kurt Swanson), preliminary version, Annual Symposium on Combinatorial Pattern Matching, June 1996.
- *The Context trees of block sorting compression* IEEE Data Compression Conference, March 1998.
- *Attack of the Mutant Suffix Trees*, Licentiate Thesis (compilation of previous work), January 1998
- *Suffix Trees on Words* (with Arne Andersson and Kurt Swanson), final version, *Algorithmica* (1999) 23.
- *Offline Dictionary-Based Compression* (with Alistair Moffat), preliminary version, IEEE Data Compression Conference, March 1999.
- *Faster Suffix Sorting* (with Kunihiro Sadakane), technical report, May 1999.
- *Structures of String Matching and Data Compression*, (monograph based on previous work), September 1999.
- *Off-Line Dictionary-Based Compression* (with Alistair Moffat), final version, *Proceedings of the IEEE* (2000) 88.
- *Faster Suffix Sorting* (with Kunihiro Sadakane), updated version, *Theoretical Computer Science* (2007) 387.
- *Considerations and Algorithms for Compression of Sets*, poster, IEEE Data Compression Conference, March 2013.
- *The CAP Theorem Versus Databases with Relaxed ACID properties* (with Lars Frank, Rasmus Ulslev Pedersen, and Christian Havnø Frank), ACM International Conference on Ubiquitous Information Management and Communication, January 2014.
- *Integer Set Compression and Statistical Modeling*, preprint, February 2014, <http://arxiv.org/abs/1402.1936>.
- *Most Recent Match Queries in On-Line Suffix Trees*, to appear on Annual Symposium on Combinatorial Pattern Matching, June 2014.
- *Efficient Representation for Online Suffix Tree Construction* (with Kasper Fuglsang and Kenneth Karlsson), to appear on Symposium on Experimental Algorithms, June–July 2014.

### *Public Communication.*

- *Det vore fullt möjligt för politiken att främja sådana tekniker, istället för att sabotera dem* (with Thore Husfeldt and Rasmus Pagh), *Sydsvenska Dagbladet Snällposten*, 14 Nov 2013.