

## 1. PUBLICATION

- *Information-Theoretic and Algorithmic Thresholds for Group Testing*, in *IEEE Transactions on Information Theory*, **66**, 12, p.7911–7928 (2020) joint work with A. Coja-Oghlan, M. Hahn-Klimroth and P. Loick
- *Optimal group testing*, in *Combinatorics, Probability and Computing*, No. 6, p. 811–848 (2021) joint work with A. Coja-Oghlan, M. Hahn-Klimroth and P. Loick

## 2. PREPRINT

- *Improved bounds for noisy group testing with constant tests per item* joint work with O. Johnson, P. Loick and M. Rolvien, available here: <https://arxiv.org/pdf/2007.01376.pdf>
- *Near optimal sparsity-constrained group testing: improved bounds and algorithms* joint work with M. Hahn-Klimroth, O. Parczyk, M. Penschuck, M. Rolvien, J. Scarlett, N. Tan, available here: <https://arxiv.org/pdf/2004.11860.pdf>
- *Quantitative Group Testing in the Sublinear Regime: Information-Theoretic and Algorithmic Bounds* joint Work with M. Hahn-Klimroth, D. Kaaser, P. Loick, available here: <https://arxiv.org/pdf/1905.01458.pdf>