Publications:

The (1+λ) evolutionary algorithm with self-adjusting mutation rate
Publication: Research - peer-review › Article in proceedings – Annual report year: 2017

The Impact of Parametrization on Randomized Search Heuristics
Publication: Research › Ph.D. thesis – Annual report year: 2017

The Interplay of Population Size and Mutation Probability in the (1+λ) EA on OneMax
Publication: Research - peer-review › Journal article – Annual report year: 2016

Optimal mutation rates for the (1+λ) EA on OneMax
Publication: Research - peer-review › Article in proceedings – Annual report year: 2016

Robustness of Populations in Stochastic Environments
Publication: Research - peer-review › Journal article – Annual report year: 2015

Population Size vs. Mutation Strength for the (1+λ) EA on OneMax
Publication: Research - peer-review › Article in proceedings – Annual report year: 2015

Robustness of Populations in Stochastic Environments
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Hybridizing Evolutionary Algorithms with Opportunistic Local Search
Publication: Research - peer-review › Article in proceedings – Annual report year: 2014

Projects:

Bridging the Gap Between Theory and Practice in Nature-inspired algorithms
Project: PhD