

Fabian Becker, M.Sc.



Background

- Since April 2012: Research Assistant at the Cognitive Systems department, University of Tübingen
- 10/2009-03/2012: Master of Computer Science, Technische Hochschule Mittelhessen (Gießen, Germany)
- 10/2007-09/2009: Bachelor of Computer Science, Fachhochschule Gießen-Friedberg (Gießen, Germany)

Research Interests

- Evolutionary Algorithms
- Machine Learning Methods

Current Projects

- *Evolutionary Optimization with EvA2*
- Pool-based Evolutionary Algorithms with Graph Databases

Publications

- [1] Sebastian Otte, Martin V. Butz, Danil Koryakin, Fabian Becker, Marcus Liwicki, and Andreas Zell. Optimizing recurrent reservoirs with neuro-evolution. *Neurocomputing*, 192:128-138, June 2016. [[DOI](#)]
- [2] Sebastian Otte, Fabian Becker, Martin V. Butz, Marcus Liwicki, and Andreas Zell. Learning Recurrent Dynamics using Differential Evolution. In *European Symposium on Artificial Neural Networks, Computational Intelligence and Machine Learning (ESANN)*, pages 65--70, Bruges, Belgium, April 2015.

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