

## Lars Rohwedder

EPFL  
INJ 131 (Bâtiment INJ)  
Station 14  
CH-1015 Lausanne  
contact@larsrohwedder.com  
+41 21 693 5219

### Research Interests

Approximation algorithms, scheduling, (integer) linear programming

### Academia

Oct. 2019 - . **Post-Doc** - EPFL.

Feb. 2016 - Sep. 2019. **Ph.D.** - University of Kiel.

Mar. 2013 - Feb. 2016. **Master of Science (Computer Science)** - University of Kiel.

Oct. 2010 - Feb. 2013. **Bachelor of Science (Computer Science)** - University of Kiel.

### Training

Apr. 2015 - Jun. 2015. **Research Assistant** - VMWare (Palo Alto, USA).

Feb. 2014 - Apr. 2014. **Research Assistant** - Oracle Labs (Redwood Shores, USA).

Mar. 2013 - Sep. 2013. **Research Assistant** - Oracle Labs (Redwood Shores, USA).

### Publications

Lars Rohwedder. *Algorithms for Integer Programming and Allocation*. Ph.D. thesis.

Klaus Jansen, Alexandra Lassota, Lars Rohwedder. *Near-Linear Time Algorithm for  $n$ -fold ILPs via Color Coding*. ICALP'19.

Klaus Jansen, Lars Rohwedder. *Local Search Breaks 1.75 for Graph Balancing*. ICALP'19.

Marin Bougeret, Klaus Jansen, Michael Poss, Lars Rohwedder. *Approximation Results for Makespan Minimization with Budgeted Uncertainty*. WAOA'19.

Sebastian Berndt, Leah Epstein, Klaus Jansen, Asaf Levin, Marten Maack, Lars Rohwedder. *Online Bin Covering with Limited Migration*. ESA'19.

Klaus Jansen, Lars Rohwedder. *On Integer Programming, Discrepancy, and Convolution*. ITCS'18.

Klaus Jansen, Lars Rohwedder. *A Note on the Integrality Gap of the Configuration LP for Restricted Santa Claus*. unpublished.

Klaus Jansen, Lars Rohwedder. *Compact LP Relaxations for Allocation Problems*. SOSA'18.

Klaus Jansen, Lars Rohwedder. *A Quasi-Polynomial Approximation for the Restricted Assignment Problem*. IPCO'17.

Klaus Jansen, Lars Rohwedder. *Structured Instances of Restricted Assignment with Two Processing Times*. CALDAM'17.

Klaus Jansen, Lars Rohwedder. *On the Configuration-LP of the Restricted Assignment Problem*. SODA'17.