

# Programme for AlMoTh 2011

February 24 & 25, 2011, Leipzig

Seminargebäude, Room 420, Universitätsstrasse

## Thursday, February 24

- 13:00–13:30     **Coffee**
- 13:30–14:00     Erich Grädel  
*Dependence and independence in logic*
- 14:00–14:30     Isolde Adler  
*Interpreting nowhere dense graph classes as a classical notion from model theory*
- 14:30–15:00     Martin Zimmermann  
*Degrees of lookahead in context-free infinite games*
- 15:00–15:30     **Coffee**
- 15:30–16:00     Stefan Göller  
*The complexity of verifying ground tree rewrite systems*
- 16:00–16:30     Dominik Freydenberger  
*Extended regular expressions: succinctness and decidability*
- 16:30–17:00     Philipp Klaus Krause  
*Optimal register allocation in polynomial time*
- 17:00–17:30     **Coffee**
- 17:30–18:00     Yijia Chen  
*Hard instances of algorithms and proof systems*
- 18:00–18:30     Moritz Martin Müller  
*Partially definable forcing*
- 20:00             **Dinner in Restaurant *Ratskeller***

## Friday, February 25

- 09:00–9:30     Martin Grohe  
*L-recursion and a new logic for logarithmic space*
- 9:30–10:00    Sebastian Siebertz  
*Dynamic definability*
- 10:00–10:30   Kord Eickmeyer  
*Non-axiomatisability results for randomised first-order logic*
- 10:30–11:00   **Coffee**
- 11:00–11:30   Vince Barany  
*Guarded negation*
- 11:30–12:00   Matthias Niewerth  
*Two-variable logic and key constraints on data words*
- 12:00–12:30   Andre Hernich  
*Computing universal models under inclusion dependencies*