

Programm zur 17. Jahrestagung der GI-Fachgruppe Logik in der Informatik

5.-6. November 2010, Leipzig

Freitag, 5. November

- 11:00–12:00 Martin Grohe (eingeladener Sprecher)
From polynomial time queries to graph structure theory
- 12:00–12:25 Stefan Göller
Bisimilarity on one-counter processes is PSPACE-complete
- 12:25–14:00 **Mittagspause**
- 14:00–14:55 Dietrich Kuske (eingeladener Sprecher)
(Nicht)effektive und (über)abzählbare Versionen des Satzes von Ramsey
- 14:55–15:20 Manfred Droste
Lattice-valued logics and weighted automata
- 15:20–15:45 Stefan Schulz
First-order logic with reachability predicates on infinite systems
- 15:45–16:10 **Kaffee**
- 16:10–17:05 Manfred Schmidt-Schauß (eingeladener Sprecher)
Unification and matching of compressed terms
- 17:05–17:30 Martin Lange
A CTL-based logic for program abstractions
- 17:30–17:55 Ahmet Kara
Temporal logics on words with multiple data values
- 18:00 **Fachgruppensitzung**
- ab 19:30 **Abendessen im Restaurant Telegraph**

Samstag, 6. November

- 09:00–10:00 Franz Baader (eingeladener Sprecher)
Small is again beautiful in description logics
- 10:00–10:25 Thomas Schneider
The modular structure of an ontology: an empirical study
- 10:25–10:50 **Kaffee**
- 10:50–11:15 Martin Mundhenk
The complexity of intuitionistic logics with one variable
- 11:15–11:40 Karin Quaas
Recognizability of the support of recognizable series over the semiring of the integers is undecidable
- 11:40–12:05 Ingmar Meinecke
Describing average- and longtime-behavior by weighted MSO logics
- 12:05–12:30 Martin Huschenbett
Characterizing the expressiveness of weighted MSO logics by weighted asynchronous cellular automata