

## Publications NWO-project 612.014.004

- [Ansgar Fehnker](#), *Citius, Vilius, Melius - Guiding and Cost-Optimality in Model Checking of Timed and Hybrid Systems*, **PhD thesis**, KUNijmegen, 2002,
- [E. Brinksma](#) and [A. Mader](#) and A. Fehnker *Verification and Optimization of a PLC Control Schedule*, Int. Journal on Software Tools for Technology Transfer, 4 (1), pp. 21-33, 2002.
- [Kim Larsen](#), [Gerd Behrmann](#), [Ed Brinksma](#), Ansgar Fehnker, [Thomas S. Hune](#), [Paul Petterson](#) and [Judi Romijn](#). *As Cheap as Possible: Efficient Cost-Optimal Reachability for Priced Timed Automata*. CAV 2001.
- [Gerd Behrmann](#), Ansgar Fehnker, [Thomas S. Hune](#), [Kim Larsen](#), [Paul Petterson](#) and [Judi Romijn](#) *Efficient Guiding Towards Cost-Optimality in Uppaal*. Proc. TACAS'2001.
- [Gerd Behrmann](#), Ansgar Fehnker, [Thomas S. Hune](#), [Kim Larsen](#), [Paul Petterson](#), [Judi Romijn](#) and [Frits Vaandrager](#). *Minimum-Cost Reachability for Linearly Priced Timed Automata*. Proc. HSCC'2001.
- [Gerd Behrmann](#), Ansgar Fehnker, [Thomas S. Hune](#), [Kim Larsen](#), [Paul Petterson](#) and [Judi Romijn](#). *Guiding and Cost-Optimality in Uppaal*. AAAI Spring Symposium Model-Based Validation of Intelligence, 2001.
- [Tobias Amnell](#), [Gerd Behrmann](#), [Johan Bengtsson](#), [Pedro R. D'Argenio](#), [Alexandre David](#), Ansgar Fehnker, [Thomas S. Hune](#), [Bertrand Jeannot](#), [Kim Larsen](#), [M. Oliver Möller](#), [Paul Pettersson](#), [Carsten Weise](#), and [Wang Yi](#). *UPPAAL - Now, Next, and Future*. MOVEP'2k, LNCS Tutorial 2067, 2001.
- Ansgar Fehnker. *Scheduling a Steel Plant with Timed Automata*. RTCSA'99, IEEE Computer Society Press, 1999.
- [Henning Dierks](#), Ansgar Fehnker, [Angelika Mader](#) and [Frits Vaandrager](#). *Operational and Logical Semantics for Polling Real-Time Systems*. Proc. FTRTFT'98, LNCS 1486, 1998.
- Ansgar Fehnker. *Automotive Control Revisited -- Linear Inequalities as Approximation of Reachable Sets*. Proc. HSCC'98, LNCS 1386, 1998.
- Ansgar Fehnker. *Heuristic Reachability Analysis of Hybrid Systems*. Draft, 2000.
- Ansgar Fehnker. *Bounding and Heuristics in forward reachability algorithms*. Computing Science Institute Nijmegen, Tech. rep. CSI-R0002, 2000.
- Ansgar Fehnker. *Scheduling a Steel Plant with Timed Automata*. Computing Science Institute Nijmegen, Tech. rep. CSI-R9910, 1999.
- [Henning Dierks](#), Ansgar Fehnker, [Angelika Mader](#) and [Frits Vaandrager](#). *Operational and Logical Semantics for Polling Real-Time Systems*. Computing Science Institute Nijmegen, Tech. rep. CSI-R9813, 1998.
- Ansgar Fehnker. *Automotive Control Revisited - Linear Inequalities as Approximation of Reachable Sets*. Computing Science Institute Nijmegen, Tech. rep. CSI-R9723, 1997.