Giovanni Bacci  
Assistant Professor  
Department of Computer Science  
CISS - Center for Embedded Software Systems  
The Faculty of Engineering and Science  

Postal address: Selma Lagerlöfs Vej 300  
9220, Aalborg Ø, Denmark  

Office: 1.2.59  
Email: giovbacci@cs.aau.dk,  
Phone: 9940 8936  
Web: http://people.cs.aau.dk/~giovbacci/

Publications

*-based learning of Markov decision processes: Extended version  

Computing Probabilistic Bisimilarity Distances for Probabilistic Automata  

Efficient Local Computation of Differential Bisimulations via Coupling and Up-to Methods  

Optimal and robust controller synthesis using energy timed automata with uncertainty  

Quantitative Analysis of Interval Markov Chains  

Approximating Euclidean by Imprecise Markov Decision Processes  

L*-Based Learning of Markov Decision Processes  

Model checking constrained markov reward models with uncertainties  

Converging from branching to linear metrics on Markov chains  
Bisimulation on Markov Processes over Arbitrary Measurable Spaces

The Behavior of Probabilistic Systems: From Equivalences to Behavioral Distances

Computing Behavioral Distances, Compositionally

On-the-Fly Exact Computation of Bisimilarity Distances

The BisimDist Library: Efficient Computation of Bisimilarity Distances for Markovian Models