

- ▶ LUCA BORTOLUSSI, ALBERTO POLICRITI, *Comparing expressivity of hybrid automata and stochastic programs.*

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We compare expressivity of stochastic programs, with semantics in terms of Continuous Time Markov Chains and hybrid automata, in light of biological systems modeling. We are interested in behavioral expressiveness, namely in the different kind of dynamical patterns that these models can capture. We will show that both formalisms have the same class of dynamical behaviors.