

Simulation Environment for Networked Control Systems

- Literature research
- Evaluation of existing network simulators
- Integration of a suitable network simulator in Matlab/Simulink
- Design and simulation of model-based controllers for networked control systems using the simulation framework
- Bachelor project, master project or master thesis (scalable)
- Contact: Markus Tranninger

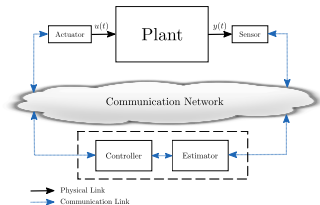


Figure: Networked Control System (NCS)

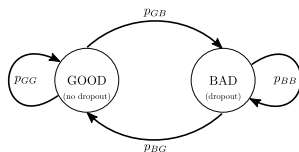


Figure: Gilbert-Elliot network dropout model