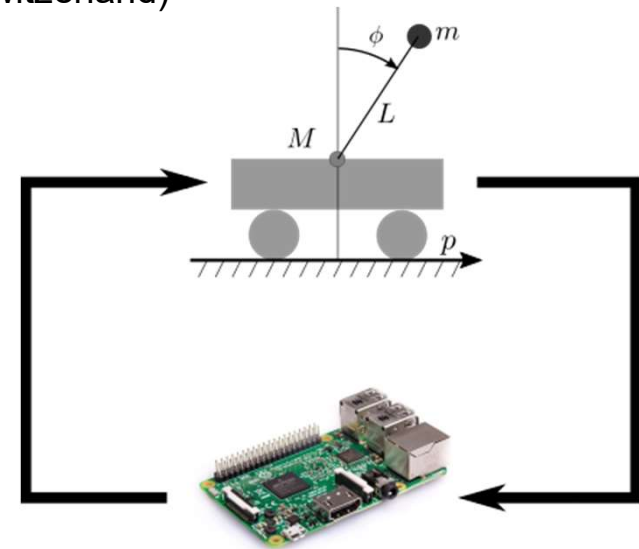# Efficient Calibration of Embedded MPC

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- Performance-driven MPC calibration through the global optimization algorithm GLIS

- Joint optimization of high-level parameters (weight matrices, prediction horizon, …) and implementation aspects (QP solver settings, sampling time) subject to real-time constraints

- Demonstrated on a Raspberry PI 3 board

- Code online: https://github.com/forgi86/efficient-calibration-embedded-MPC

Demonstration on a simulated cart-pole system. MPC running on Raspberry PI.