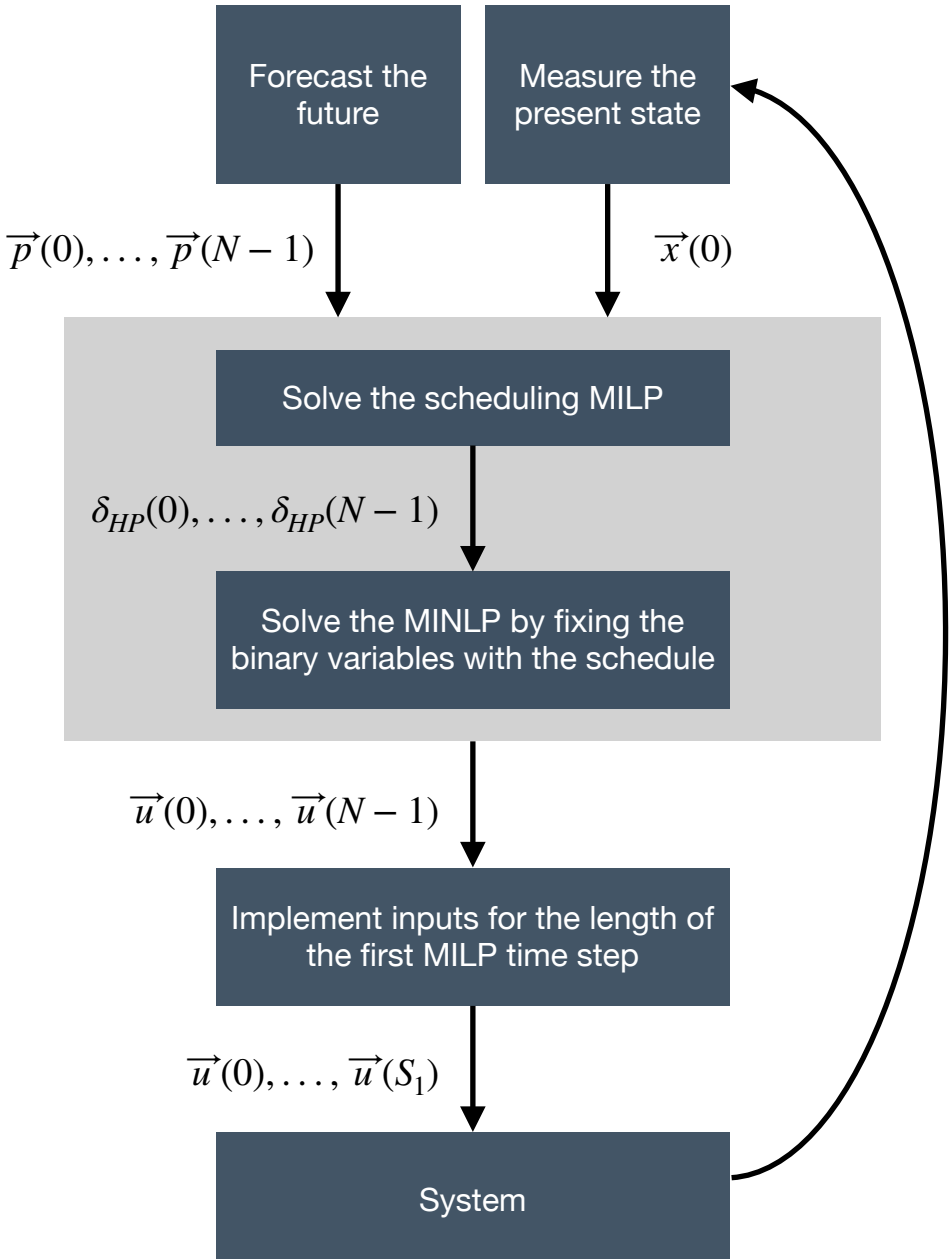
Forecast the future
Measure the present state
$\overrightarrow{p}(0), \ldots, \overrightarrow{p}(N-1)$
$\overrightarrow{x}(0)$
Solve the scheduling MILP
$\delta_{HP}(0), \ldots, \delta_{HP}(N-1)$
Solve the MINLP by fixing the binary variables with the schedule
$\overrightarrow{u}(0), \ldots, \overrightarrow{u}(N-1)$
Implement inputs for the length of the first MILP time step
$\overrightarrow{u}(0), \ldots, \overrightarrow{u}(S_1)$
System