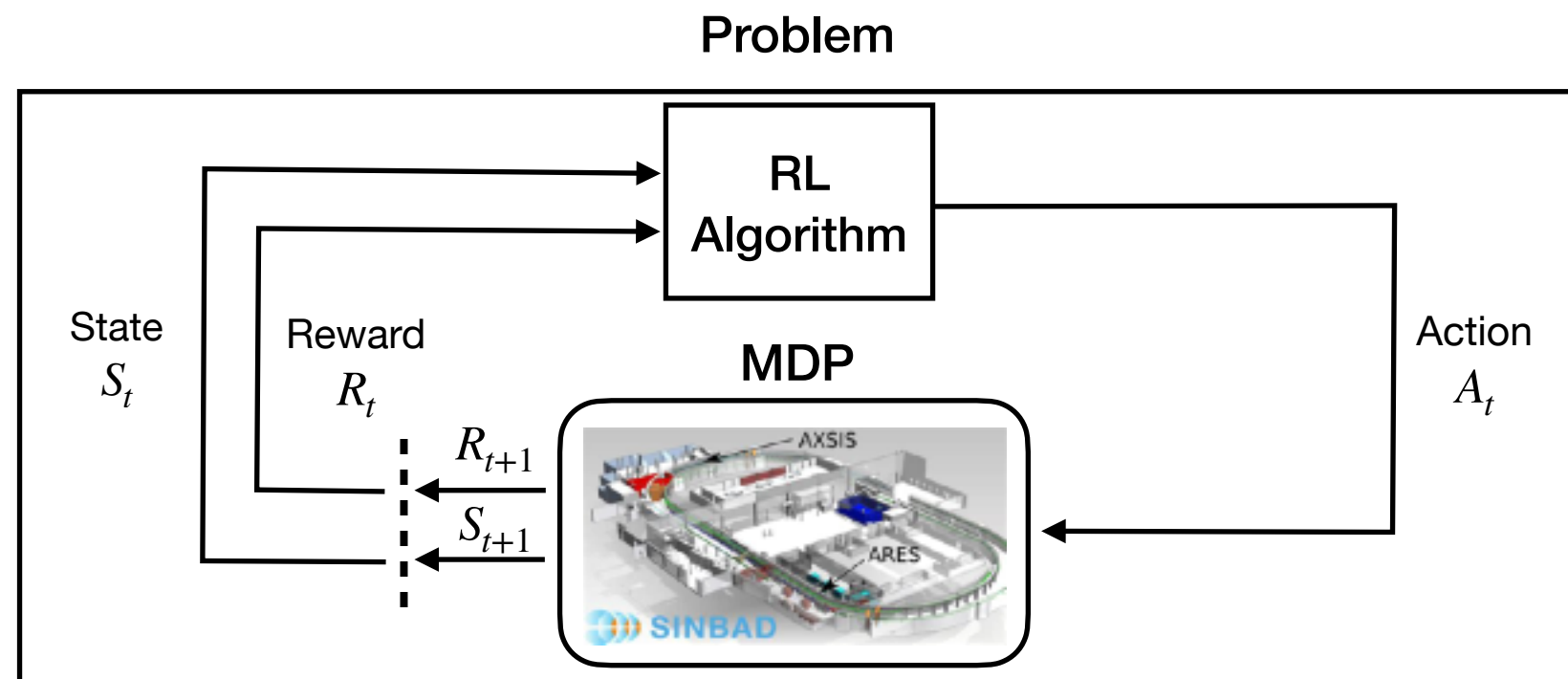


# Some directions

- Observability (POMDPs)
- Better diagnostics  
Extend state formulation (e.g. longer history) Complication: additional prediction problem
- Sample efficiency
- Develop more sample efficient algorithms - e.g. model-based Safety
- Modelling - tricky in stochastic settings (accurate probabilistic models)
- Non-stationarity (special POMDPs)
- Everyday: short horizon problems - classical and Bayesian optimisation Again: extend state formulation



- General issues
- Observability
- Sample efficiency
- Safety
- Non-stationarity
- Stability, computational efficiency,...