## COLLECTOR (process COLLECTOR.py)

- collects all computed snapshots (pairs parameters + observations)
- updates surrogate model (using Surrogate\_update class)

## SAMPLER 1 (process SAMPLER.py)

- requests observations from SOLVERS POOL
- receives updated surrogate model
- evaluates local surrogate model (using Surrogate\_apply class)

## SAMPLER N

## SOLVERS POOL (process\_SOLVER.py)

Manages a pool of spawned SOLVERs.

- · receives parameters from a SAMPLER
- sends parameters to an unoccupied SOLVER
- receives observations from the SOLVER
- sends observation to the SAMPLER

