# SwarmControl:

## Varying visualization

### How to play

Move 100 robots (blue) to Goal with arrow keys  $(\leftarrow,\uparrow,\downarrow,\rightarrow)$ . Play all 4 visualization methods!

#### full-state

convex-hull

mean±var

mean

#### The Science

Sensing is expensive, especially on the nanoscale. To see nanocars, scientists fasten molecules that fluoresce light when activated by a strong lamp of a particular color. Unfortunately, multiple exposures can destroy these molecules, a process called photobleaching. What happens if we use less power for the exposure? This experiment explores manipulation with varying amounts of sensing information.

Massive Uniform Manipulation



