

Planning Competition for Logistics Robots In Simulation

MERS Enterprise

Tim Niemueller

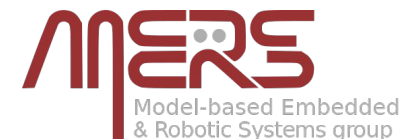
Knowledge-based Systems Group, RWTH Aachen University

Erez Karpas

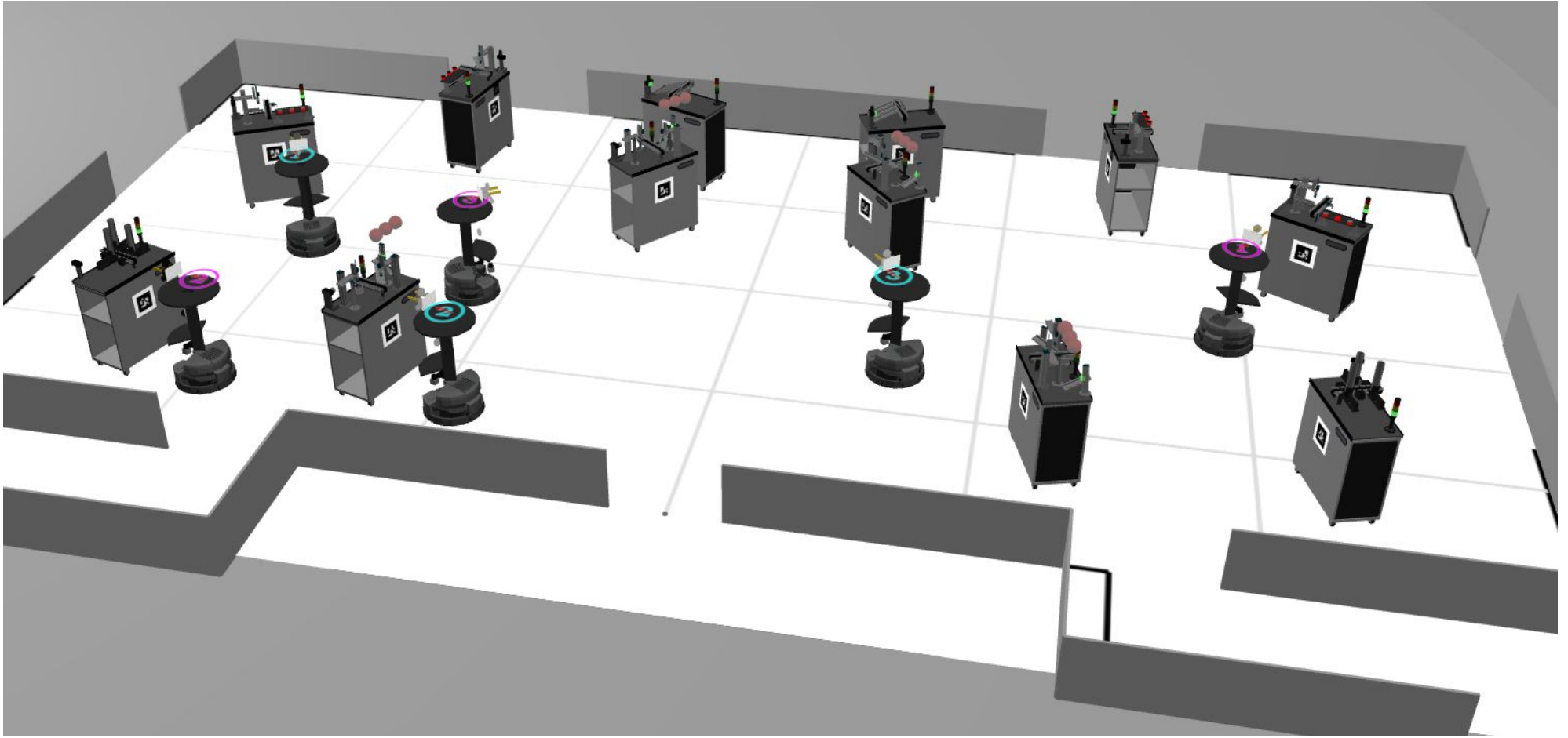
Technion – Israel Institute of Technology

Tiago Vaquero and Eric Timmons

Massachusetts Institute of Technology

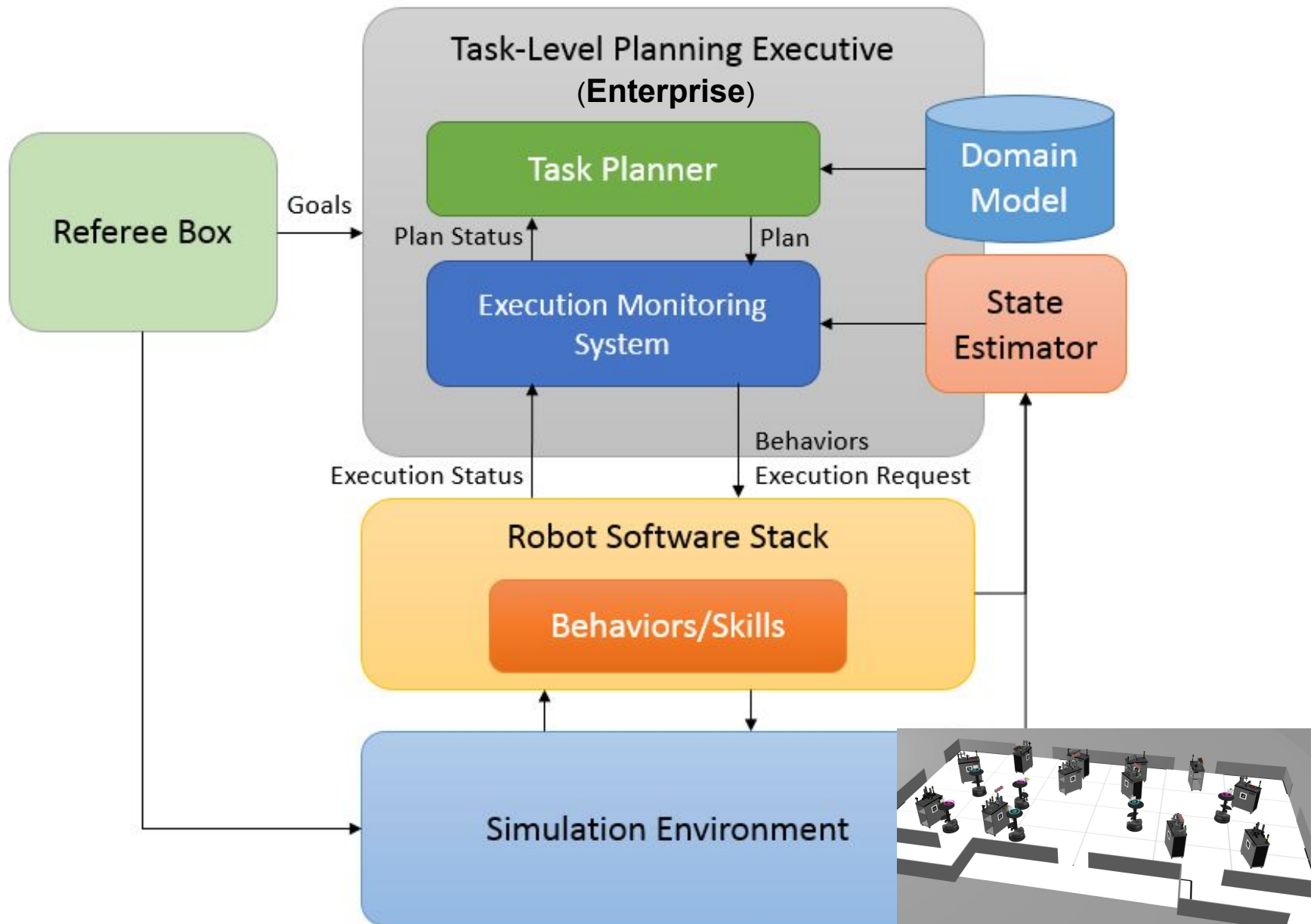


RoboCup Logistic League - Simulator



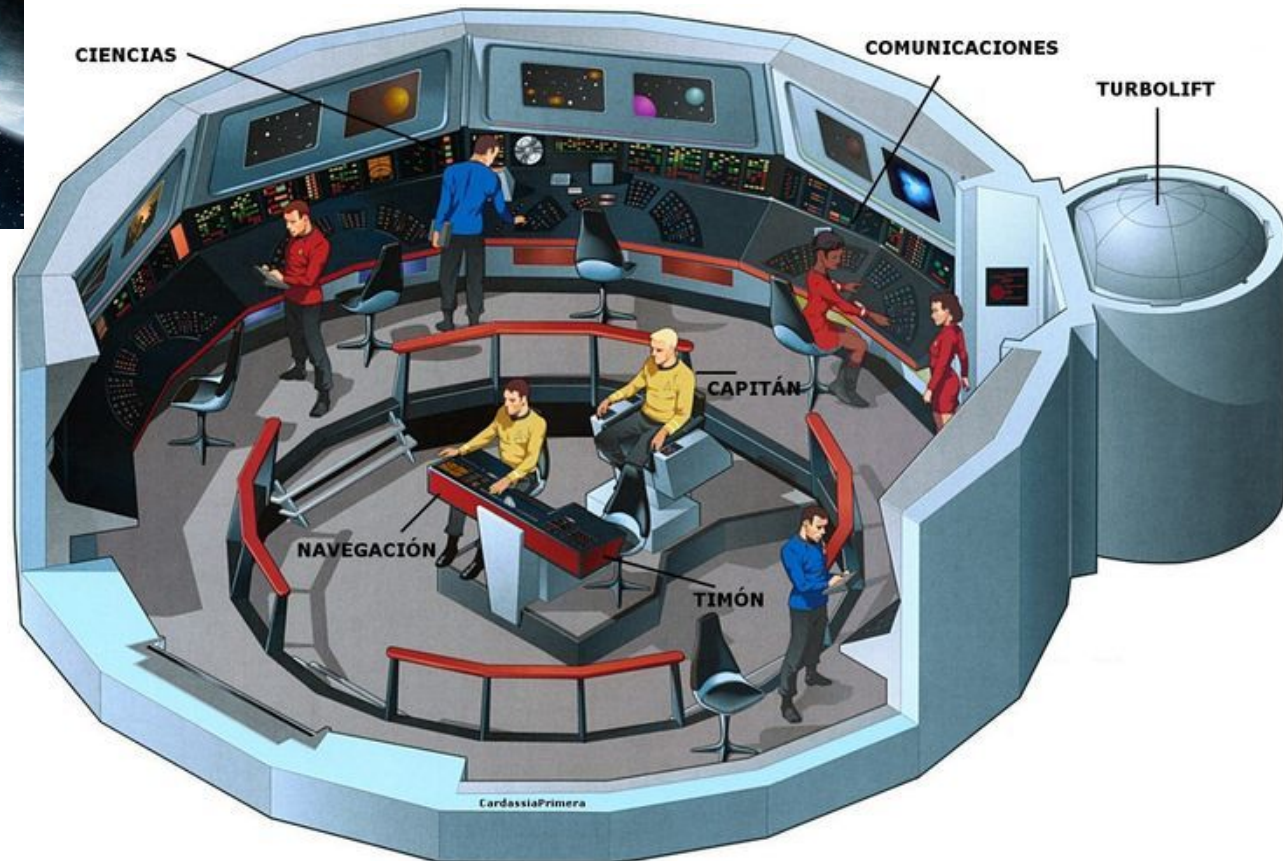
- Readily integrated 3D simulation with environment agency
- Based on software stack released by RoboCup Team Carologistics

Planning and Execution Framework

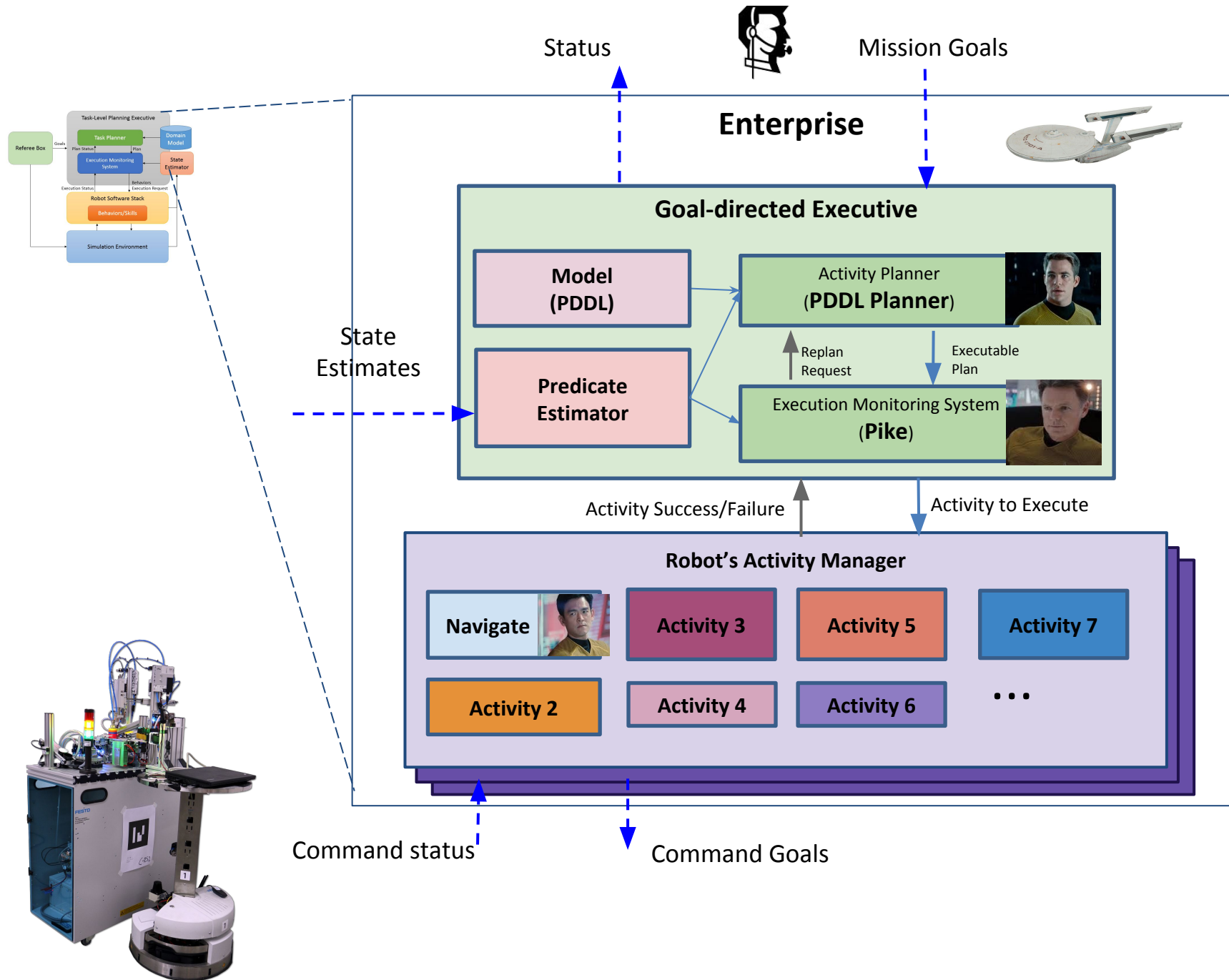


Enterprise

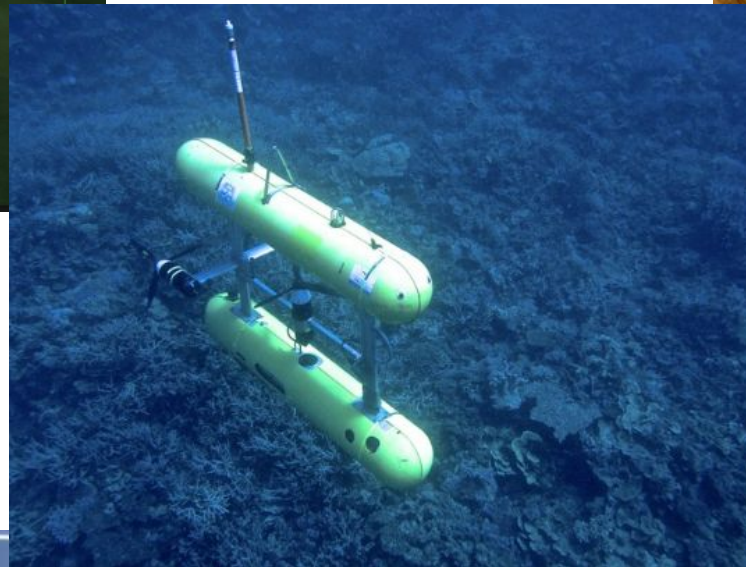
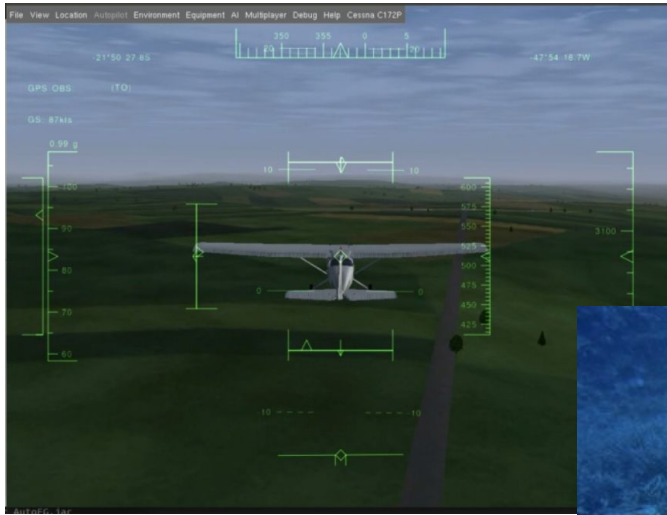
Inspiration: Star Trek



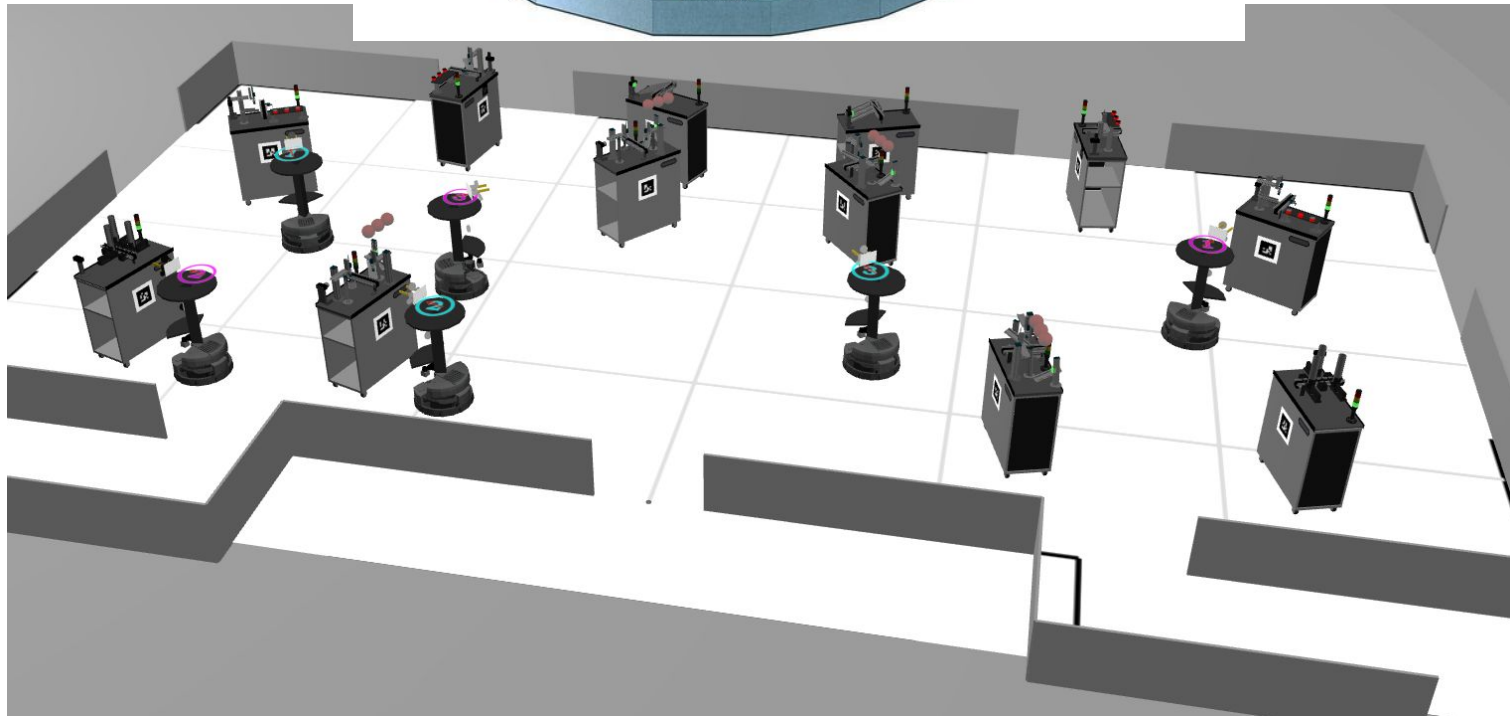
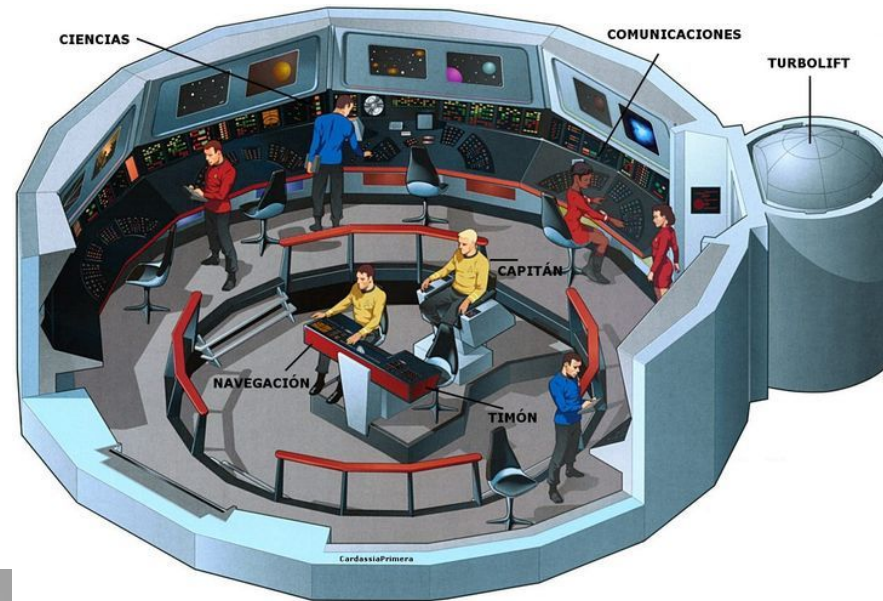
Enterprise



Enterprise Endeavors



Running Enterprise



Running Enterprise

1) Run:

```
$ simstick-update
```

 (X2)

then

```
$ ./gazsim.bash -x start -n 3 -r -t --ros-launch-  
main rc11_fawkes_sim:rc11_fawkes_sim_all_3robots.  
launch
```

2) Start game

3) Run:

```
$ launch-enterprise
```