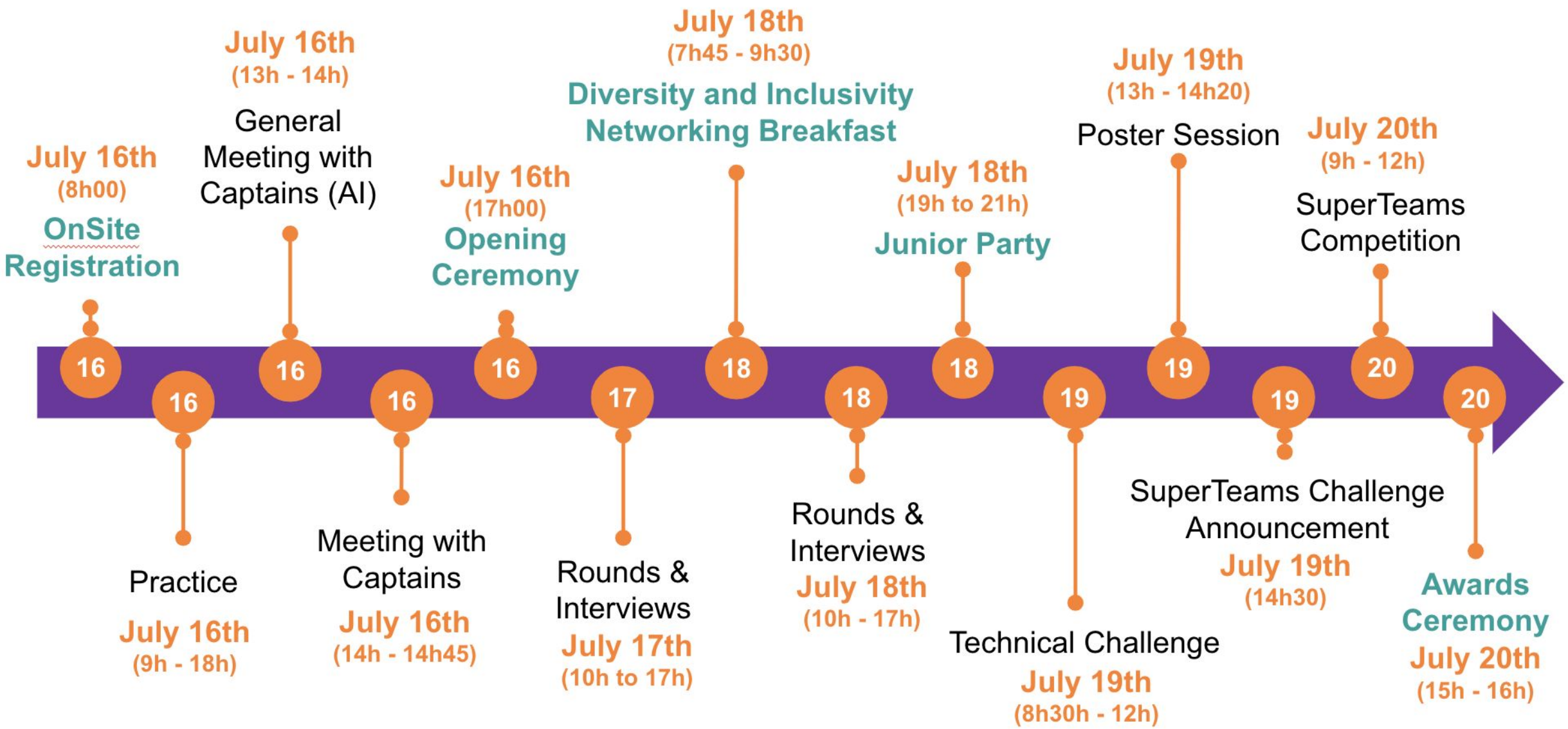
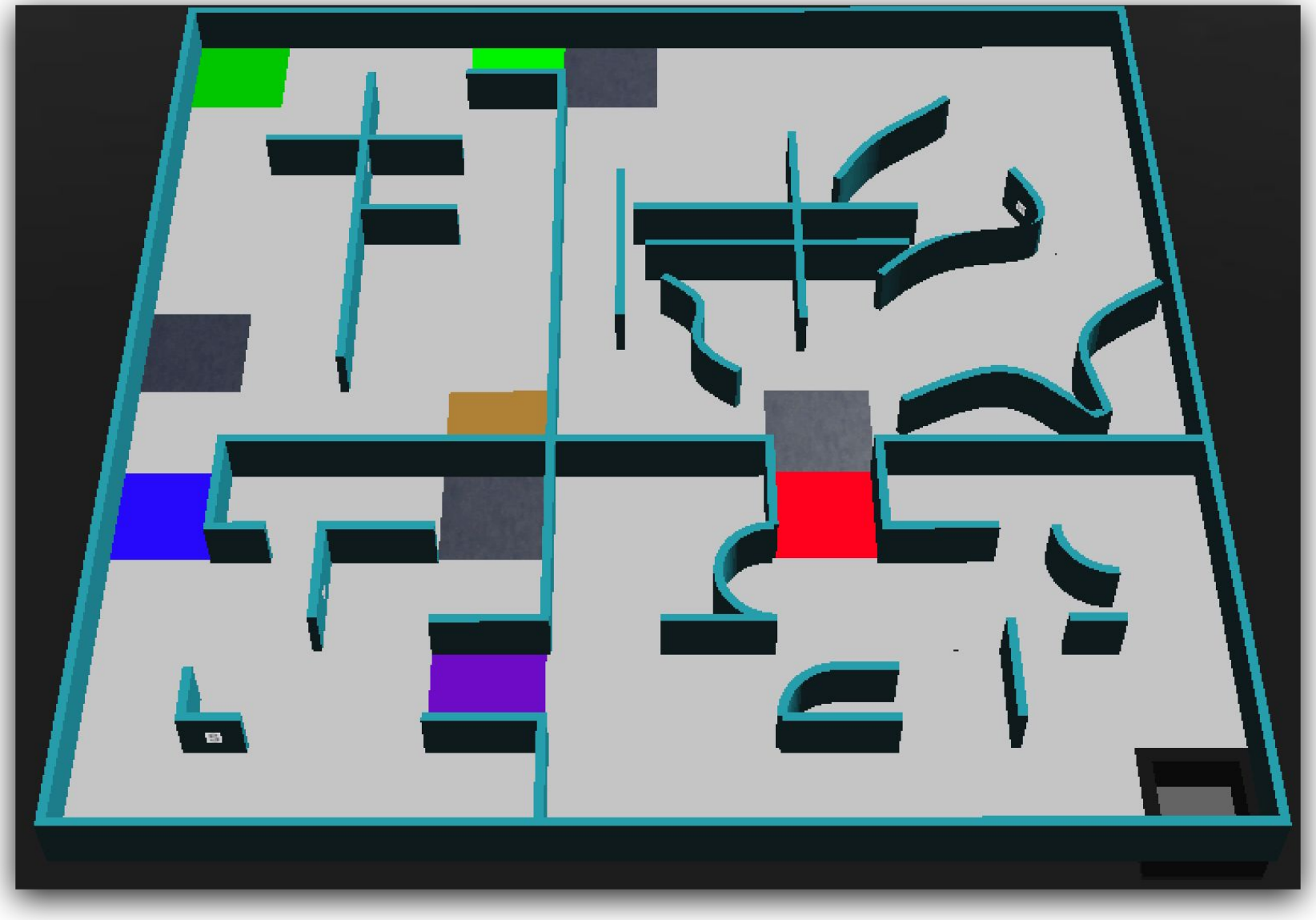
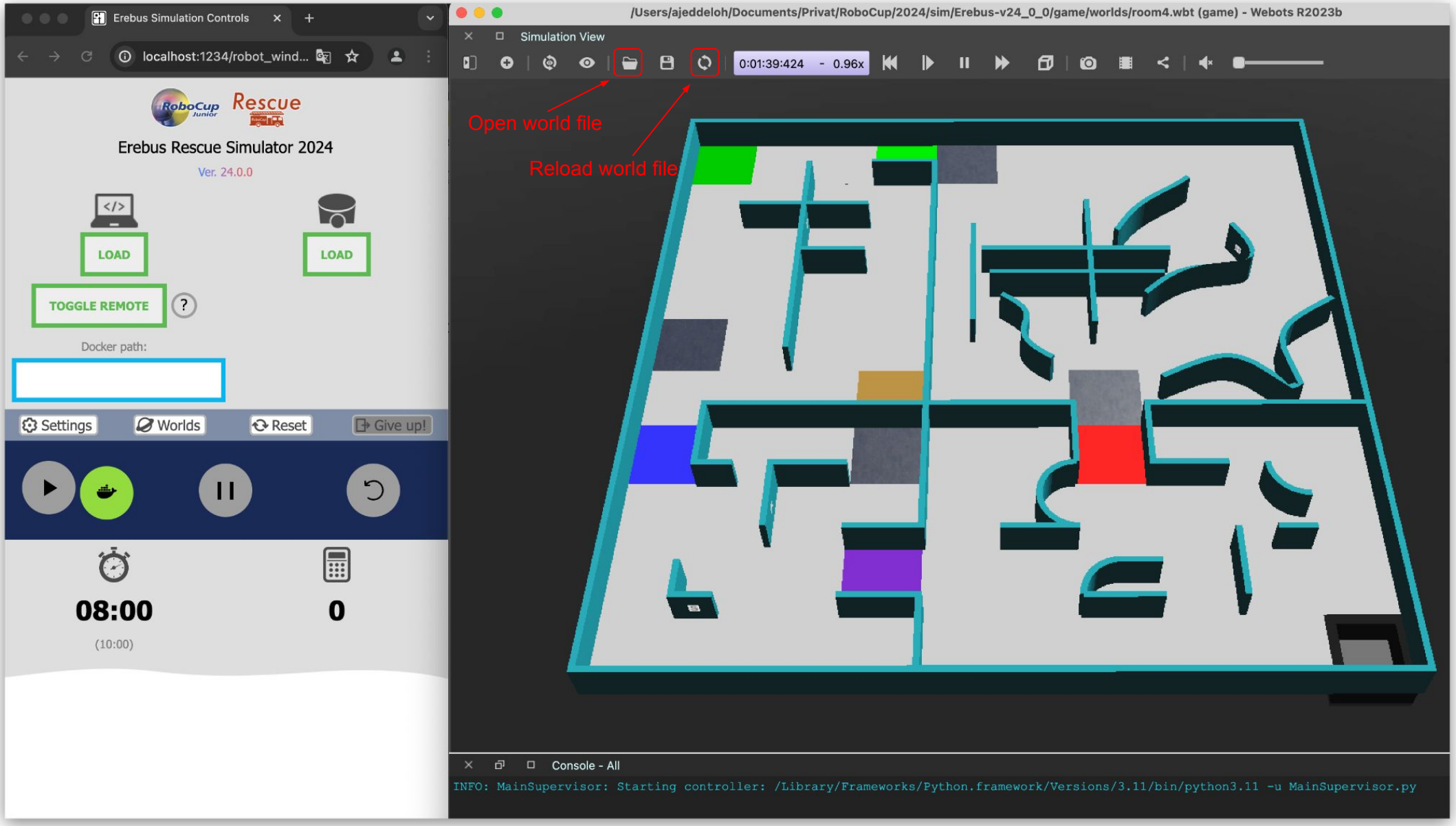
Schedule


July 16th
(8h00)
OnSite
Registration
16
Practice
July 16th
(9h - 18h)
16
July 16th
(13h - 14h)
General
Meeting with
Captains (AI)
16
Meeting with
Captains
July 16th
(14h - 14h45)
16
July 16th
(17h00)
Opening
Ceremony
16
Rounds &
Interviews
July 17th
(10h to 17h)
17
July 18th
(7h45 - 9h30)
Diversity and Inclusivity
Networking Breakfast
18
Rounds &
Interviews
July 18th
(10h - 17h)
18
July 18th
(19h to 21h)
Junior Party
18
Technical Challenge
July 19th
(8h30h - 12h)
19
July 19th
(13h - 14h20)
Poster Session
19
SuperTeams Challenge
Announcement
July 19th
(14h30)
19
July 20th
(9h - 12h)
SuperTeams
Competition
20
Awards
Ceremony
July 20th
(15h - 16h)
20

Simulation Field and Controller

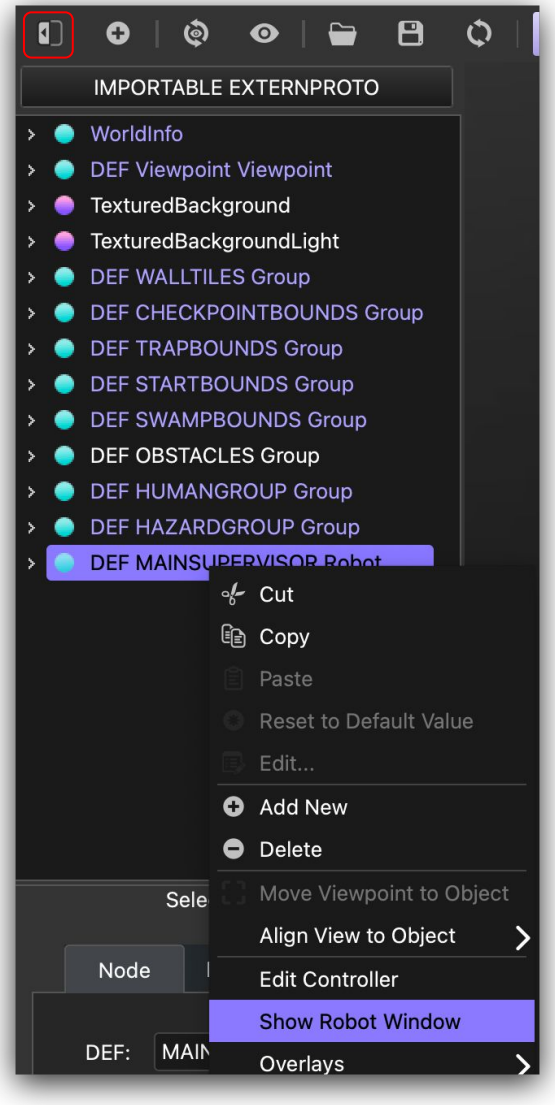


Simulation Field and Controller



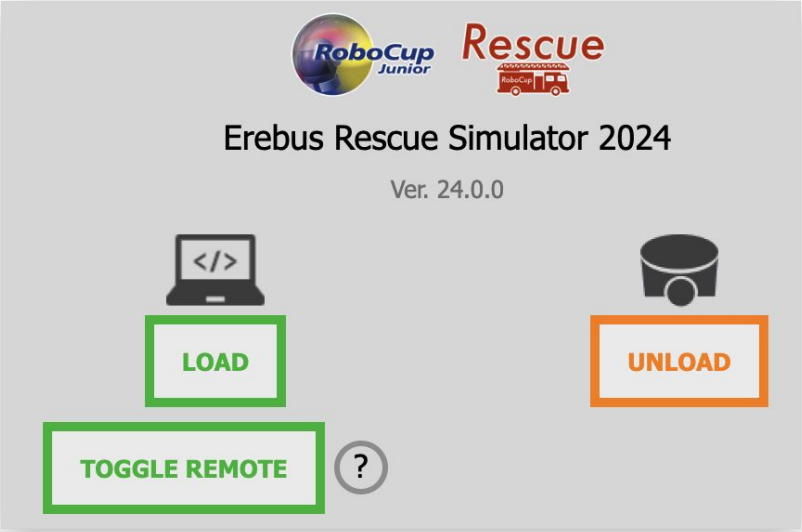
Show missing Robot Window

In case the robot window is not showing

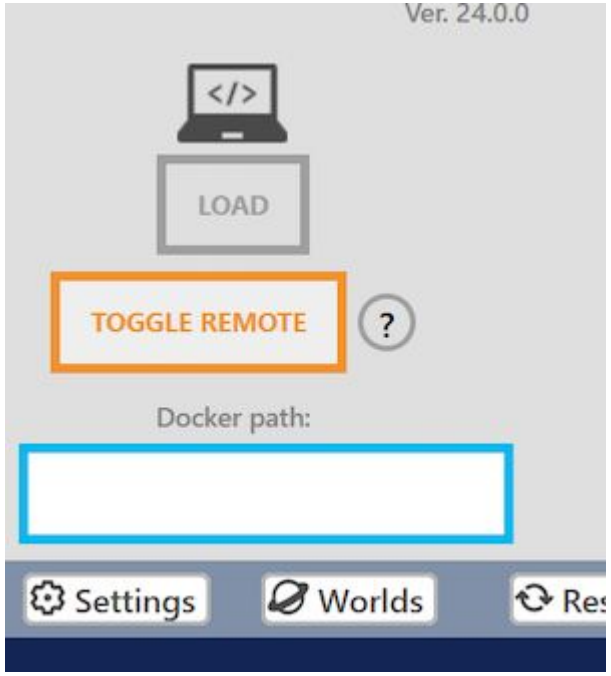


Remote Setup

- Click on “Load” beneath the robot symbol, if the team is using a custom robot controller
- Custom robot controllers will be uploaded to the CMS before the rounds



- Click on “Toggle Remote” to enable the remote controller



Execute the remote controller

- (Client) Controller will be executed on the command line of the participant's computer.

  Windows example

- (Client) <Webots Controller Path>/webots-controller.exe --protocol=tcp --ip-address=<Server IP Address> <Controller Path>
  - The standard installation path is ***C:\Program Files\Webots***
    - ***C:\Program Files\Webots\msys64\mingw64\bin***
  - The IP address will be individual for each competition computer - is written on the field sign
  - The controller path is the path to the participants' controller file

- After executing the command, the client should output an info message every 5 seconds:
  No robot name provided, exactly one robot should be set with an <extern> controller in the Webots simulation, retrying for another 50 seconds...
- (Server) Press the start button to start the simulation

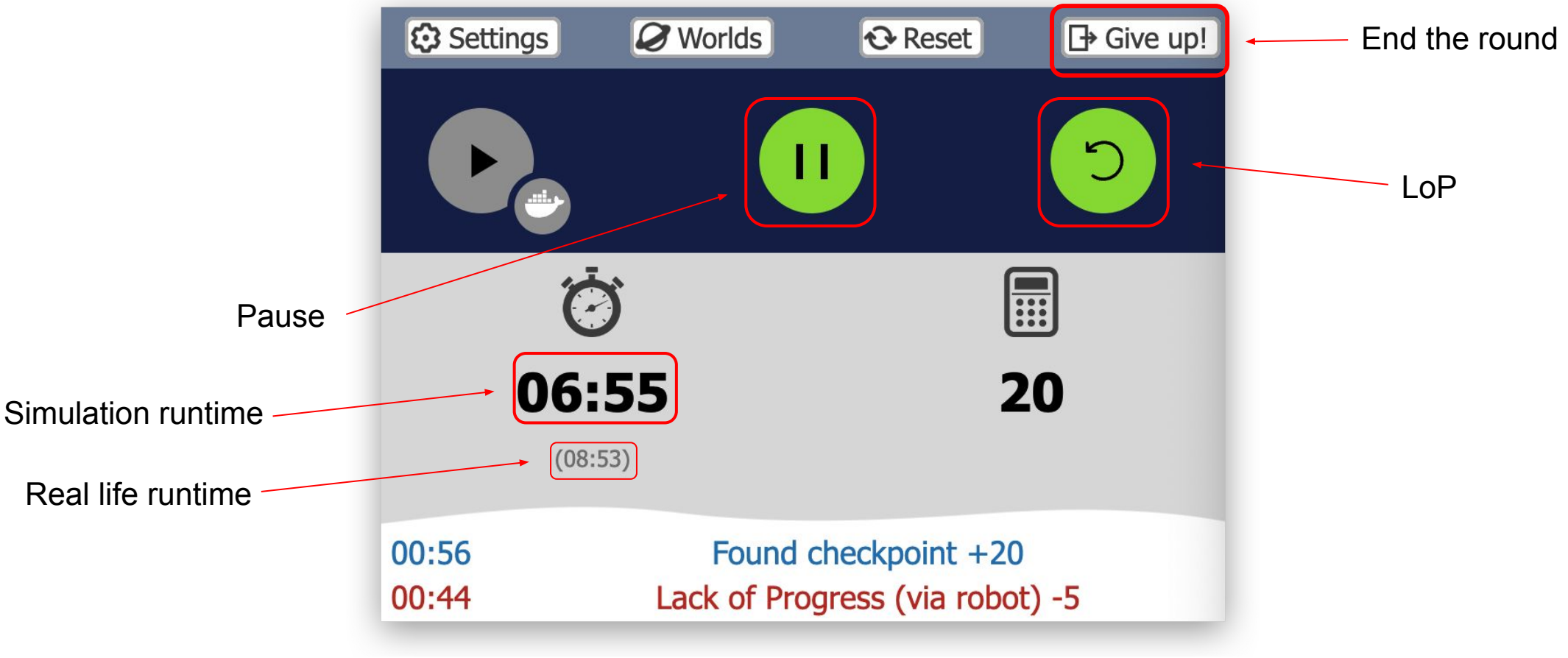
  Linux and macOS

- On Linux and macOS you also have to set the WEBOTS_HOME environment variable which should point to the installation folder:
  Client) $WEBOTS_HOME/webots-controller --protocol=tcp --ip-address=<Server IP Address> <Controller Path>

Handling the run in general

- There is only one team member (captain) allowed at the competition field
  - All other members have to watch from the grand stand
- All actions on the game server will be performed by the judge
  - Loading the Maps
  - Starting the run
  - Pausing the simulation
  - Executing a LoP
  - etc.
- In case of any unexpected events, write a comment when putting in the scores into the CMS
  - This goes for judges as well as team captains
-

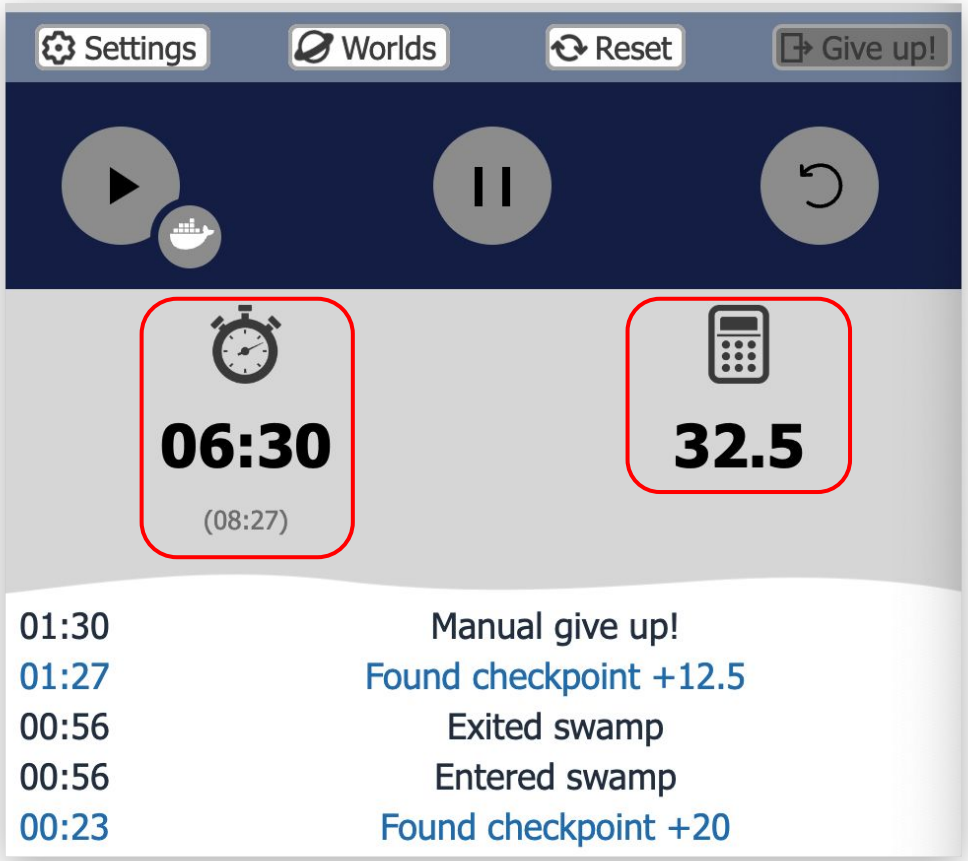
Handling during a run



After the run

- The round ends when the team captain calls the game end
- The robot sends the exit message on its own

- **Write down the duration and score**



Enter into CMS

- Go to https://intl.rcj.cloud/home
- Login with simjudge account - password will be handed out separately
- Click on the RoboCup2025 Competition

- Click on “Rescue Simulation (Erebus)”

Live Demo

The rest is kinda self-explanatory…
We will do a live demo.