

# Implementation of a Robot Behaviour Learning Simulator

Kushagra Singh Bisen

Ecole des Mines de Saint-Etienne

*k.bisen@yahoo.com*

May 4, 2021

# Recap from Friday

On our meeting in Friday,

- I demonstrated a GUI for a small turtlesim simulation.
- I showed the Gazebo world for our simulation.
- We decided about one/more dimensions of the checkered box to be built in the simulation.

# Progress and Problems Faced.

Since our last meeting,

- I tried to work with the formation of the log file.
- I saw that there are methods in which you can get the location (in x,y,z) co-ordinates for the robots, and maybe for the objects but I can not find a method for the board's squared states. I will search upon this.
- If the objects are spawned into the world, then we will know their location already.
- I read the article Professor Balbo sent on mail.
- I have asked for such help in internet forums and searching for existing projects. I hope to find an answer soon.

# Thank you!