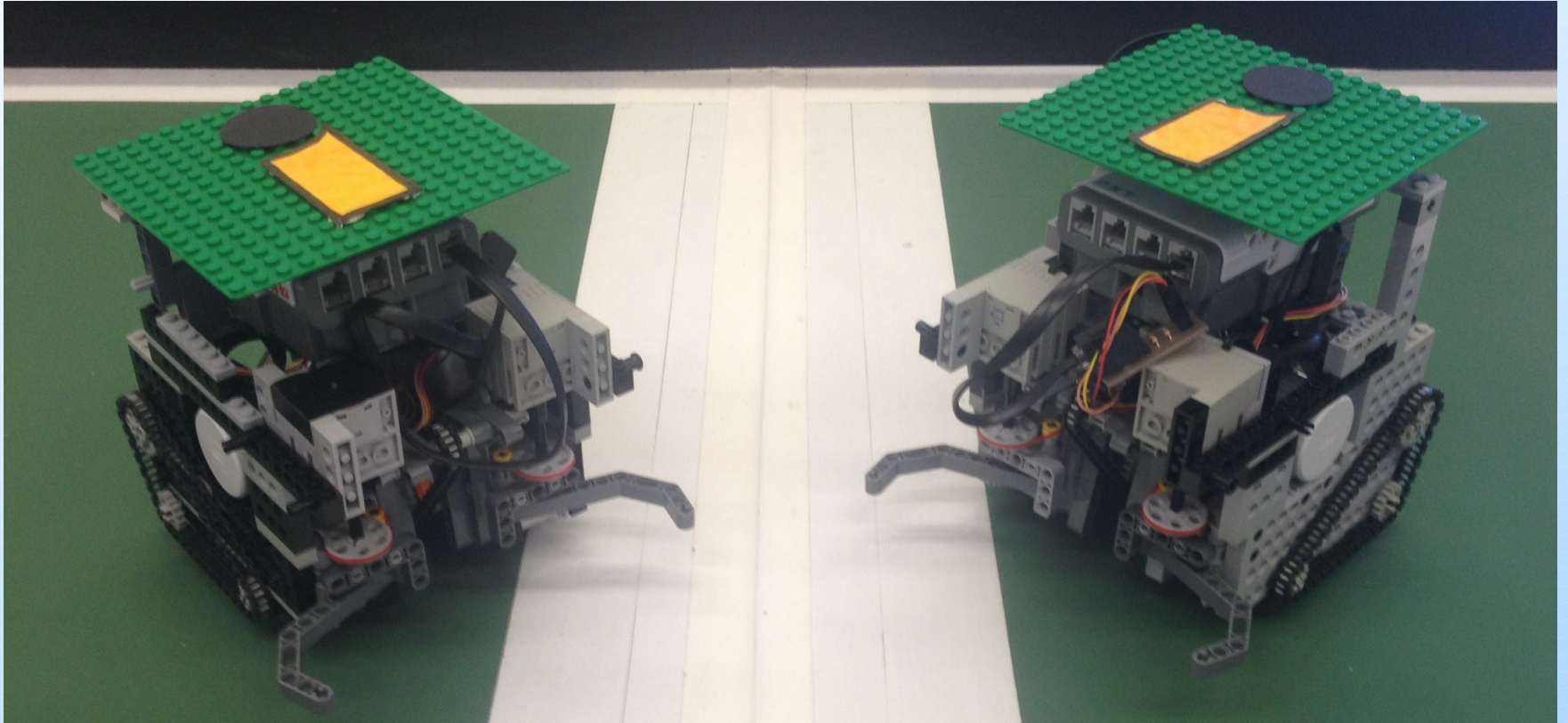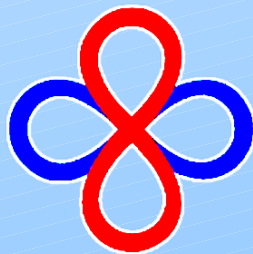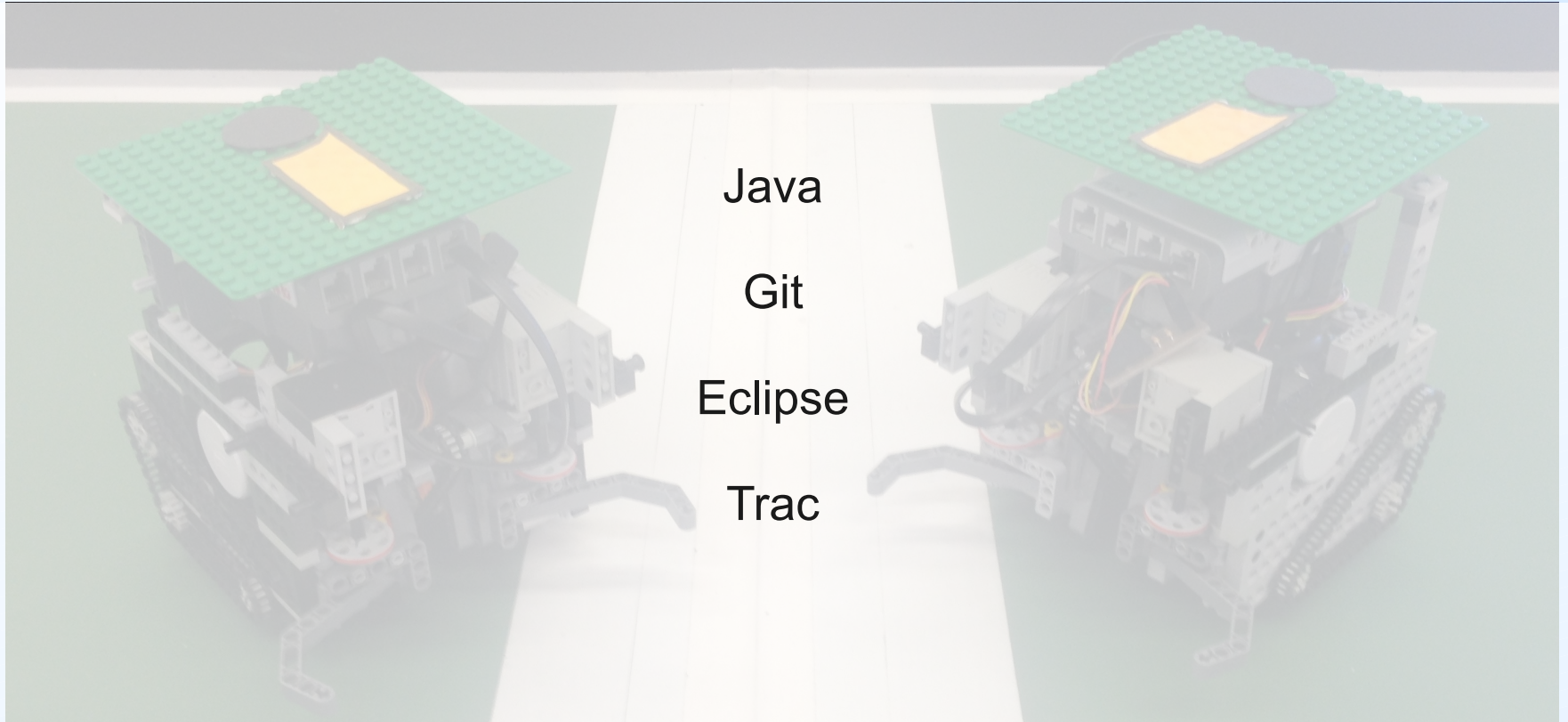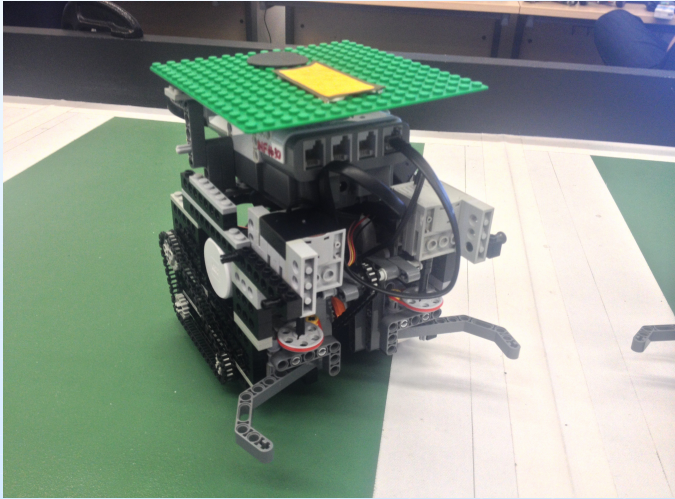# SDP Group 8

Challenge: Quickly make a pair of robots that follow the rules
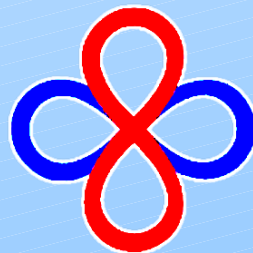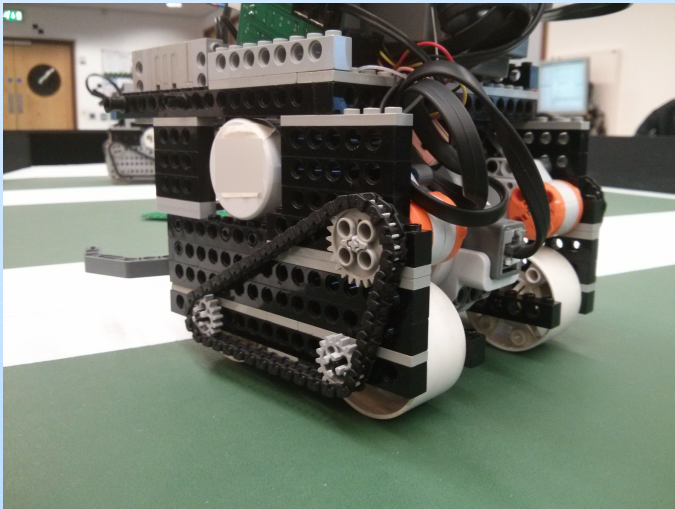
Challenge: Quickly make a pair of robots that follow the rules

Java
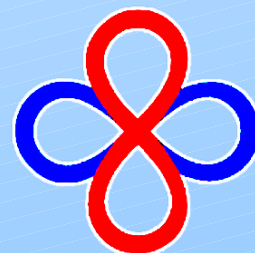
Git

Eclipse

Trac

Hardware Design Choices

- Gripless wheels

- 4-wheel drive, differential controller
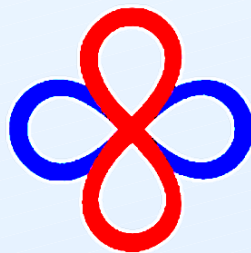
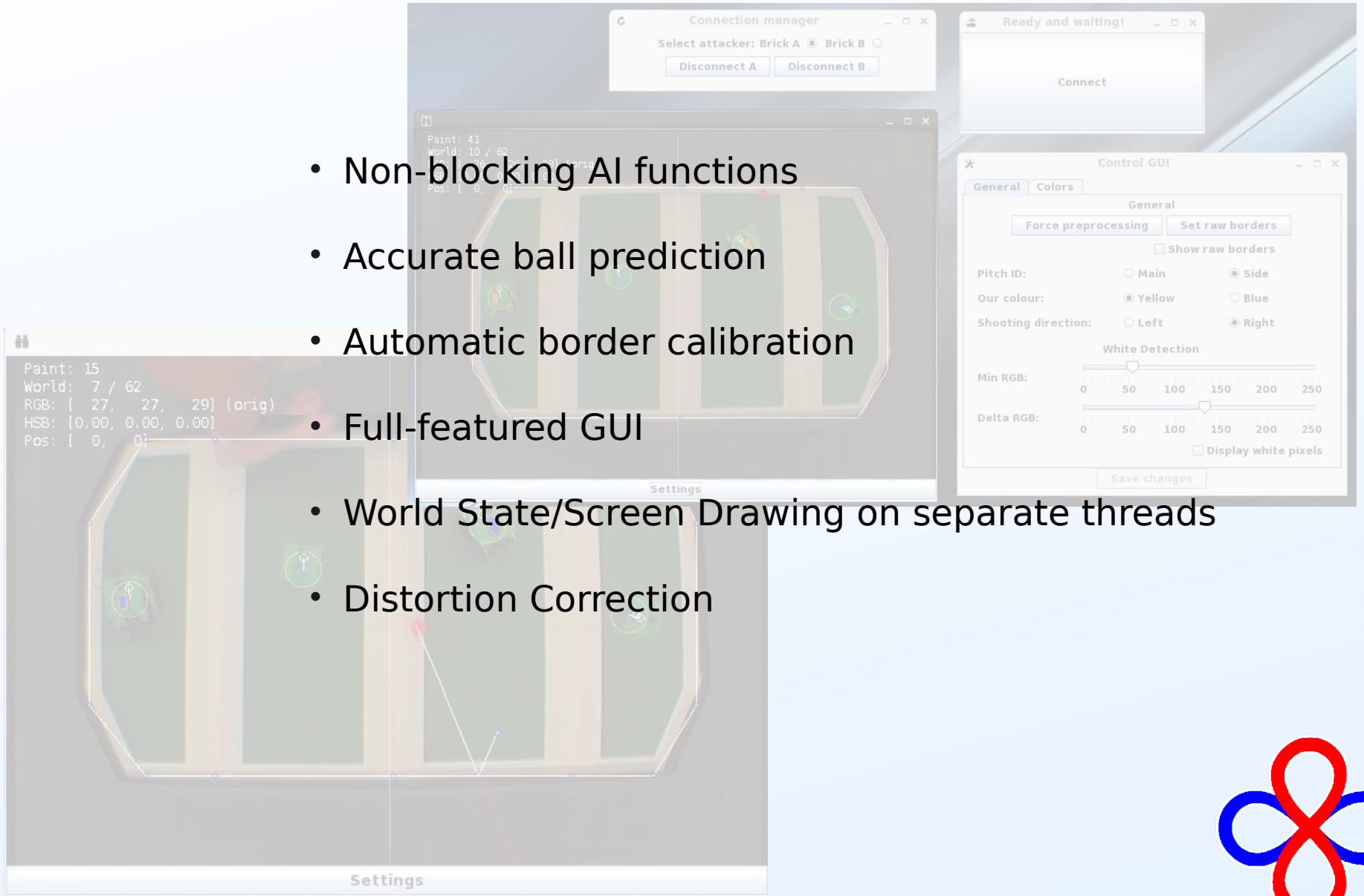- I2C powered grabber

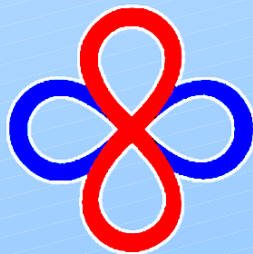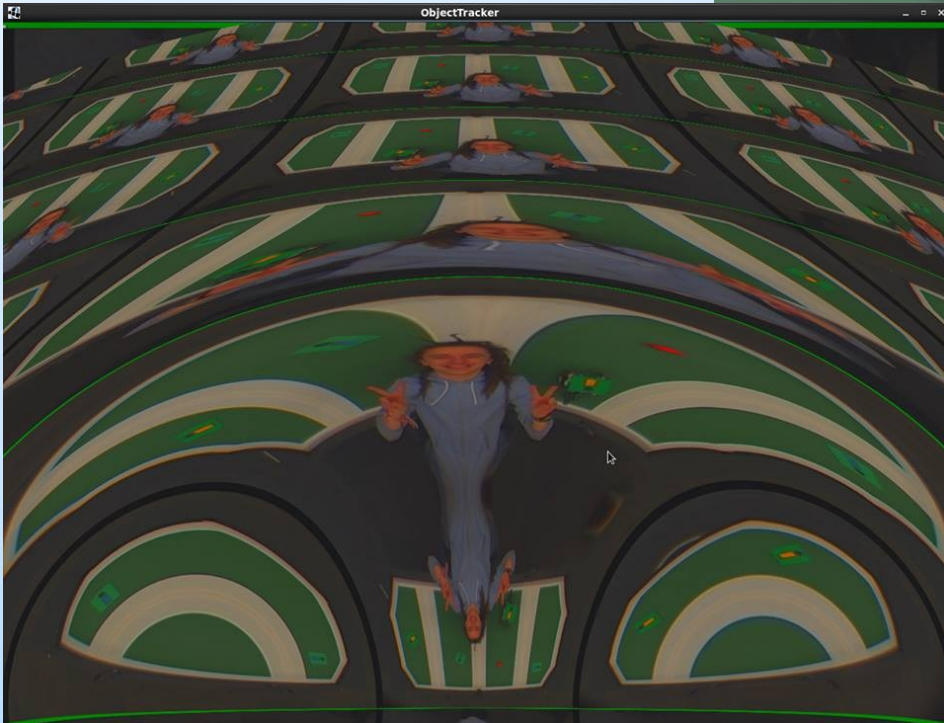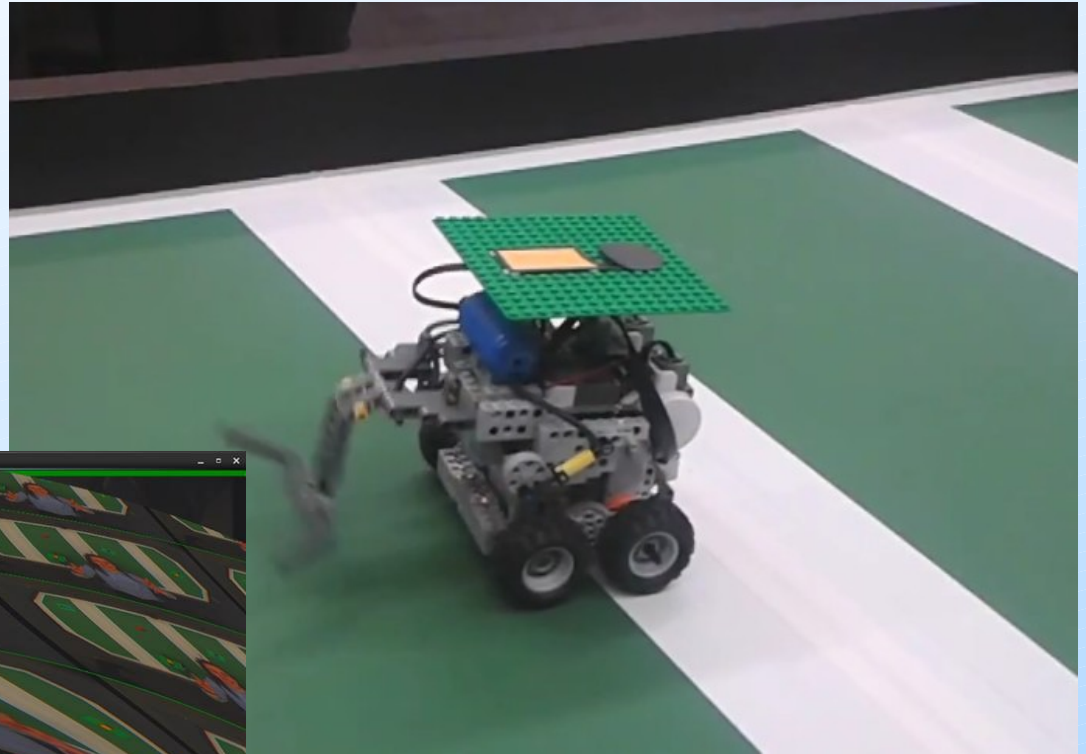- Chain powered driver, kicker

Software Design Choices

Software Design Choices

- Non-blocking AI functions

- Accurate ball prediction

- Automatic border calibration

- Full-featured GUI

- World State/Screen Drawing on separate threads
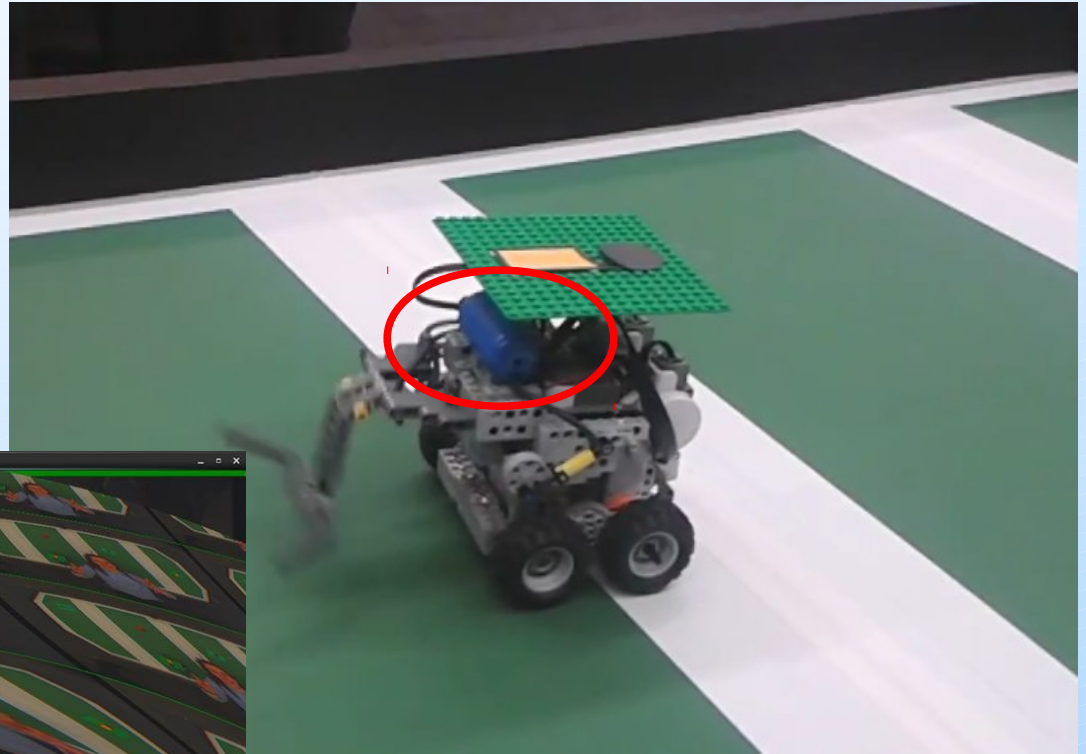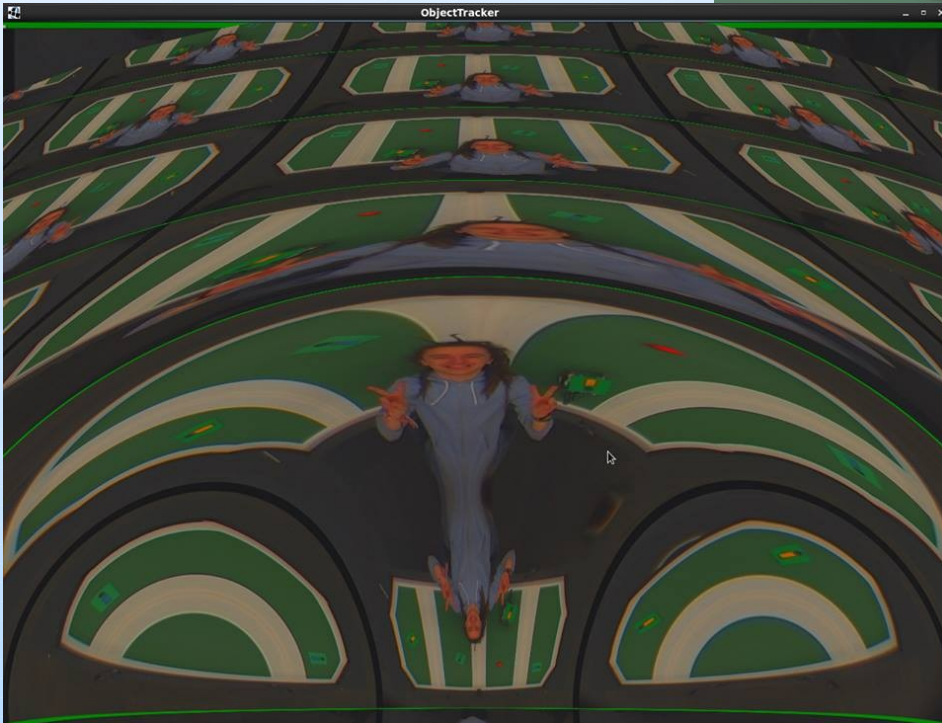
- Distortion Correction
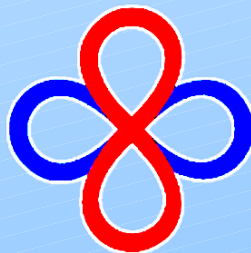
Subprojects that never worked out

Subprojects that never worked out

OpenGL

Pneumatic Kicker

Questions?