

Ast x Oru Robotics Summer School Week 1 Wrap Up

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Recap

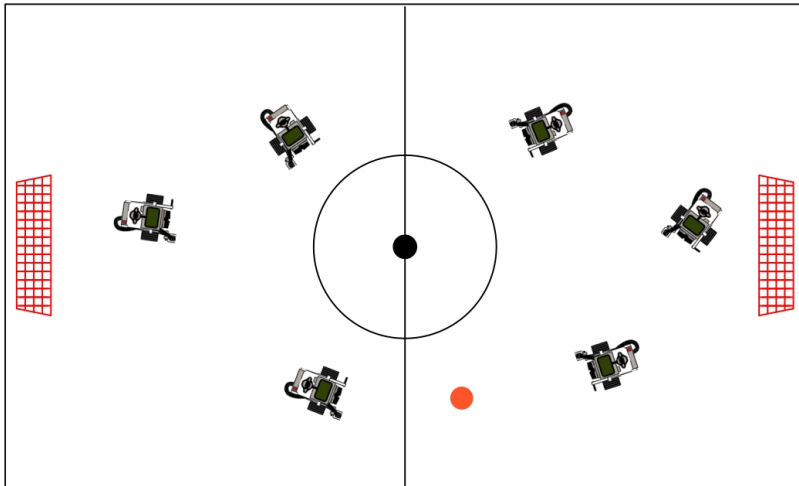
Schedule Week 2

Monday	Tuesday	Wednesday	Thursday	Friday
Student Teams Project	Team building (Chloe)	Lecture: Github/version control (Chloe)	Student Teams Project	Midsummer Eve Midsummer celebration + Flower wreath binding
Lunch	Lunch	Lunch	Lunch	
Student Teams Project	Student Teams Project	Student Teams Project + Lecture	Student Teams Project	
		Robot planning		
Evening Free time	Evening Free time	Evening Free time	Evening Free time	

youtube.com/watch?v=_Y5_iGxWFrQ

RoboCup Football

- Split up into **three teams**
- Each team gets **three robots**
- At the end of week three: **Competition**

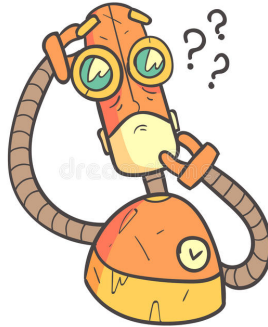


- ZED stereo camera + AR tags
- Position:
 - Robots
 - Goals
 - Boll



The things for you to do

- Robot design
- Robot control
- Navigation
- Coordination
- ...



Steps to take

1. Tele-operation competition (Wednesday Week 2?)
2. Use position of robots to start autonomous navigation
3. Program behavior of robots to compete autonomously.

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Set your own intermediate goals.