

# **CS 378: Autonomous Intelligent Robotics (FRI)**

Dr. Todd Hester

Are there any questions?

# Talks

- **Yasutaka Furukawa**
  - Apr. 25, 2013, 11:00am-12:00pm, GDC 2.216
  - "Reconstruct and Visualize the World: From Academic Research to Product Deployment"

# Logistics

- Fall Class
  - Doodle Survey on piazza
  - Current Winner: MW 3:30-5
- Piyush's Study
  - Will send out email tomorrow
- Final Projects

# Final Projects

- Two Goals
  - Final term paper. Show me what you did.
  - Enable others to understand/use/integrate your project
- Four components
  - Final report
  - Source code
  - Demo video
  - Individual e-mail to me specifying what percentage you think each group member contributed.

# Final Report

- 6 pages double spaced
- Like a conference paper
  - Sections, citations, figure/table
- Well-written abstract
- 3 citations. Compare with related work.
- Team member roles
- Link to source code
- Experimental results
- Not a story. A report
- Proofread and spell-check!
- Hard copy due in class Thursday 5/2

# Source Code

- Public github repository
- Include a README file.
  - How do we run your code?
  - What nodes/launch files should we run?
  - What parameters do we need to know?
  - What external packages do we need?
- Include a link to the code in the report and with the video.

# Demo Video

- 1-2 minute video
- Explain and demonstrate your project
- Each group member should speak
- Each video should have a title slide
  - Project name, group members, class, and instructor
- Post videos to youtube
- In description, put:
  - Project name, group members, class, instructor
  - Abstract
  - Link to source code
- Post links to videos on piazza by 5pm 5/10

# Final Report

- Can turn in by 4pm Friday (slide under my office door)
  - 1 point off

# Today

- Reinforcement Learning

# Readings

- Tell us about what paper you read
- What did they do?
- How did they test it?
- How does it relate to our project?

# Thursday

Course conclusion / discussion

Class surveys