

ROB 537: Learning-Based Control

Week 8, Lecture 2
Project Presentations

Announcements:

Monday 11/27
8:15-noon
Rogers 226



Final Presentation: Structure

- What makes a good presentation:
 - ~~As many results as you can present in 12 minutes~~
 - ~~As much math as you can cram onto a page (use tiny fonts to fit more math)~~
 - ~~Skip the background and jump into the code~~
 - You have to tell a story



What does it mean to tell a story?

- Why are you doing this project
- Who cares?
- What are your goals?
- What's the impact of achieving your goals?

- How did you go about achieving those goals
- What did you achieve

- What's the key contribution of your work
- What next?



To outline or not to outline

- Up to you, but:

- If presentation is less than 15 minutes, you probably don't need it.
- If presentation is longer than 20 minutes, you do need it.

- If you have an outline, don't do this:



How NOT to do an Outline

- Introduction
- Background
- Method
- Results
- Conclusions

What do you know about this talk that you didn't know before you saw the outline??



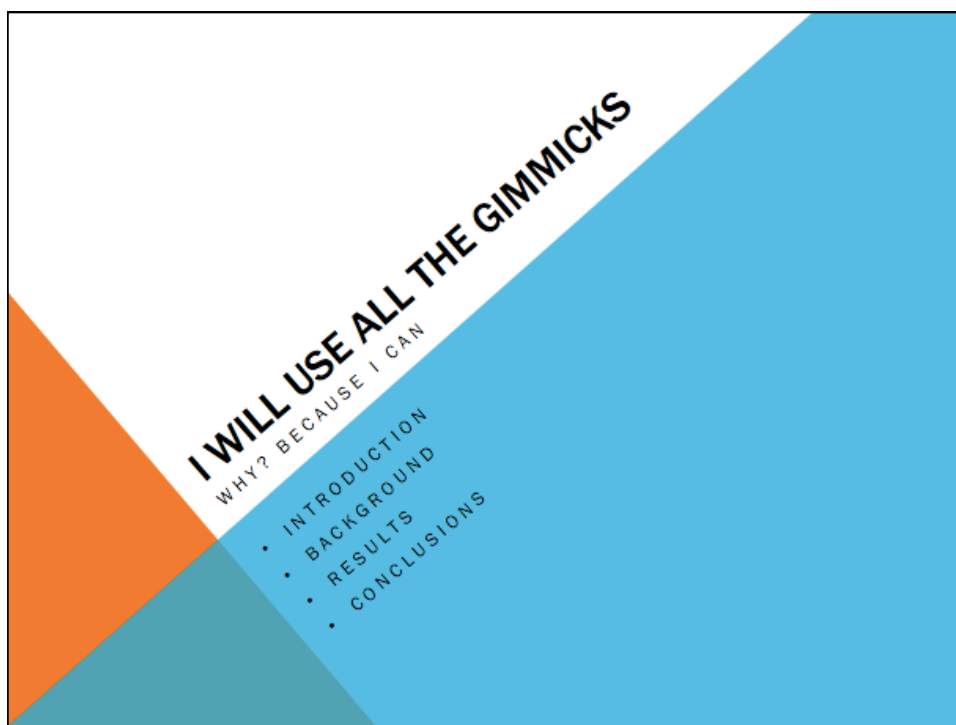
Outline: Robots for wave energy extraction

- Impact of wave energy
- Learning and coordination in multiagent systems
- Multi-robot coordination for wave energy farm
- Results: Improved efficiency in large farms
- Next steps



Final Presentation: Visuals

- Make your slide visually accessible
 - Keep them simple
 - Keep the color down
 - Don't change fonts/colors unless there is a very good reason



THIS IS NOT A GOOD IDEA

What does it mean to tell a story?

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- How did you go about achieving those goals
- What did you achieve

- What's the key contribution of your work
- What next?

THIS IS A WORSE IDEA

• What does it mean to tell a story?

- Why are you doing this project
- Who cares?
- What are your goals?
- What's the impact of achieving your goals?

- How did you go about achieving those goals
- What did you achieve

- What's the key contribution of your work
- What next?



THIS IS A WORSE IDEA

- ❖ What does it mean to tell a story?
 - Why are you doing this project
 - Who cares?
 - What are your goals?
 - What's the impact of achieving your goals?
- How did you go about achieving those goals
- What did you achieve
- What's the key contribution of your work
- What next?

Final Presentation: Timing

- If you have 12 minutes:
 - ~~You should prepare a 15 minute presentation and speak as fast as you can~~
 - ~~Talk for 15 minutes because what you're saying is very important.~~
 - ~~Talk for 7 minutes and then leave because you are in a hurry~~
 - Talk for 12 minutes (plus or minus 15 seconds)