

# Assignment: Presentation of Research

## Assignment Overview

This assignment asks you and your partner to give an overview talk on a research topic that you have reviewed. Possible topics are listed on the course calendar between Weeks 14 and 16. For the topic that you selected, you need to review about 10 papers, organize them and find their relations and describe your understanding of the topic in your presentation. The purpose of this assignment is twofold: 1) it trains you to distill information from the literature on a specific topic; 2) it allows your fellow students to learn the topic from you.

After your presentation, your audience should have a clear understanding of the following:

- What is the research topic?
- Why is it important?
- What are the main approaches?
- How do researchers view each other's approach?
- How do you view/compare these approaches?
- What are the limitations of the state of the art?
- What are the future research directions?

Your presentation should take about 30 minutes. This will leave time for discussions after your presentation. I suggest you make no more than 20 slides in total. Generally, when giving an interactive class presentation, you can expect to spend roughly 1.5 minutes on each slide. Practice your talk beforehand to have better time management.

## How You Will Be Graded

|   |                  |
|---|------------------|
| Pre-talk-slides (due 48 hours before your talk) | 2 points         |
| Your talk                                       | 6 points         |
| Post-talk-slides (due 48 hours after your talk) | 2 points         |
| <b>Total</b>                                    | <b>10 points</b> |

Your slides will be evaluated on the following aspects

- Correctness of slide content
- Clarity of presentation in slides
- The right balance between simplicity and detail
- Your opinion of the work

Your talk will be evaluated on the following aspects

- Understanding of material
- Clarity of presentation
- Ability to answer questions
- Level of engagement with audience

## How to Hand It In

1. Name your slides as <firstname>\_<lastname>\_talk\_initial.pptx (.pdf) or <firstname>\_<lastname>\_talk\_final.pptx (.pdf).

2. Submit your slides (and audio files if any) via email to zhiyao.duan <at> rochester.edu.  
**You must put “ECE477 Assignment” in the subject line.**

### **When to Hand It In**

The initial slides are due 48 hours before your talk. The final slides are due 48 hours after your talk. **Late assignments will not be graded.**