## Student Paper Presentations

Each student will select a topic from those listed (there is limited availability for each topic so they will be reserved on a first-come-first-serve basis). After a student has selected a topic, I will assign them a reading which they will prepare a 20-minute presentation describing the paper in detail and 10-minutes will be allocated to discussions on the paper. The presentation should be well practiced so that you do not go over the target time. The presentations should go over all the following points:

1) Provide an overview of the exact problem they are trying to solve in the paper or the specific goal of the paper. This should usually be something novel that the authors are focusing on which has not been addressed before.
2) You should aim to describe any related or prior work that is relevant to this paper. You should be able to clearly describe how this paper addresses a problem that has not previously been addressed and where the paper sits with respect to the state-of-the-art.
3) The technical approach they took to solve the problem. It is best to limit the amount of mathematical description here and describe the technical approach conceptually.
4) The experimental/research methods should be described.
5) The data analysis procedure, results of the paper, and any conclusions drawn from the results.
6) Your opinions on the positive and negative parts of the paper. What limitations are there in the technical approach, research methods, and data analysis? How can this paper be improved? What future directions do you see for this work?

Your presentations will be graded as follows:

- **(20%) Presentation Preparedness** – The talk should be close to 20 minutes and the slides utilized should be high quality and informative
- **(20%) Clarity of the talk** - The talk should be easy to follow, terminology should be well-defined, and each idea should follow logically from the previous idea
- **(20%) Content** – The presentation should sufficiently cover all the points described above
- **(20%) Accuracy** – Everything discussed from the paper should be technically accurate
- **(20%) Discussion/Insight** – The presenter should provide non-trivial insight into the paper, occasionally going beyond its contents in comparison and analysis. This should facilitate discussion in the class.