

Class Project Presentations: Thursday March 10

- Five project teams (four large teams, one small one)
- Max of 10 minutes per team, plus 5 min discussion
 - 10 slides or less, depending on how much material is on each slide (no more than 4 or 5 bullets per slide)
 - Do a practice run to be sure your team doesn't run over its time
- Each person should give part of their team presentation
- If you keep on schedule, we will conclude with a synthesis discussion: what have you/we learned from the process of doing the projects

mini-CoDR Presentations: Expectations

1. Your team members
2. Science goals / observing wavelengths
3. How science requirements lead to your AO system performance requirements
4. Telescope (size and location)
5. Back-end science instrument and required field of view
6. Wavefront error budget and how you decided on your choice of DM, WFS, telescope size, how many degrees of freedom, etc.
7. Requirements for reference “stars” (natural guide stars, or laser guide stars + tip-tilt stars). What sky coverage fraction does each correspond to?
8. Predicted AO performance based on this error budget
9. Describe the major risks for your project

Some Bonus Items for mini-CoDR presentations

1. Clever name/acronym for your AO system and/or instrument
2. Logo for your project
3. Your roles: Principle Investigator (PI), Project Scientist, Project Manager
4. Observing plan/how data will be gathered
5. How will these data help answer your science questions?
6. Project timeline
7. Wild guess at total project cost