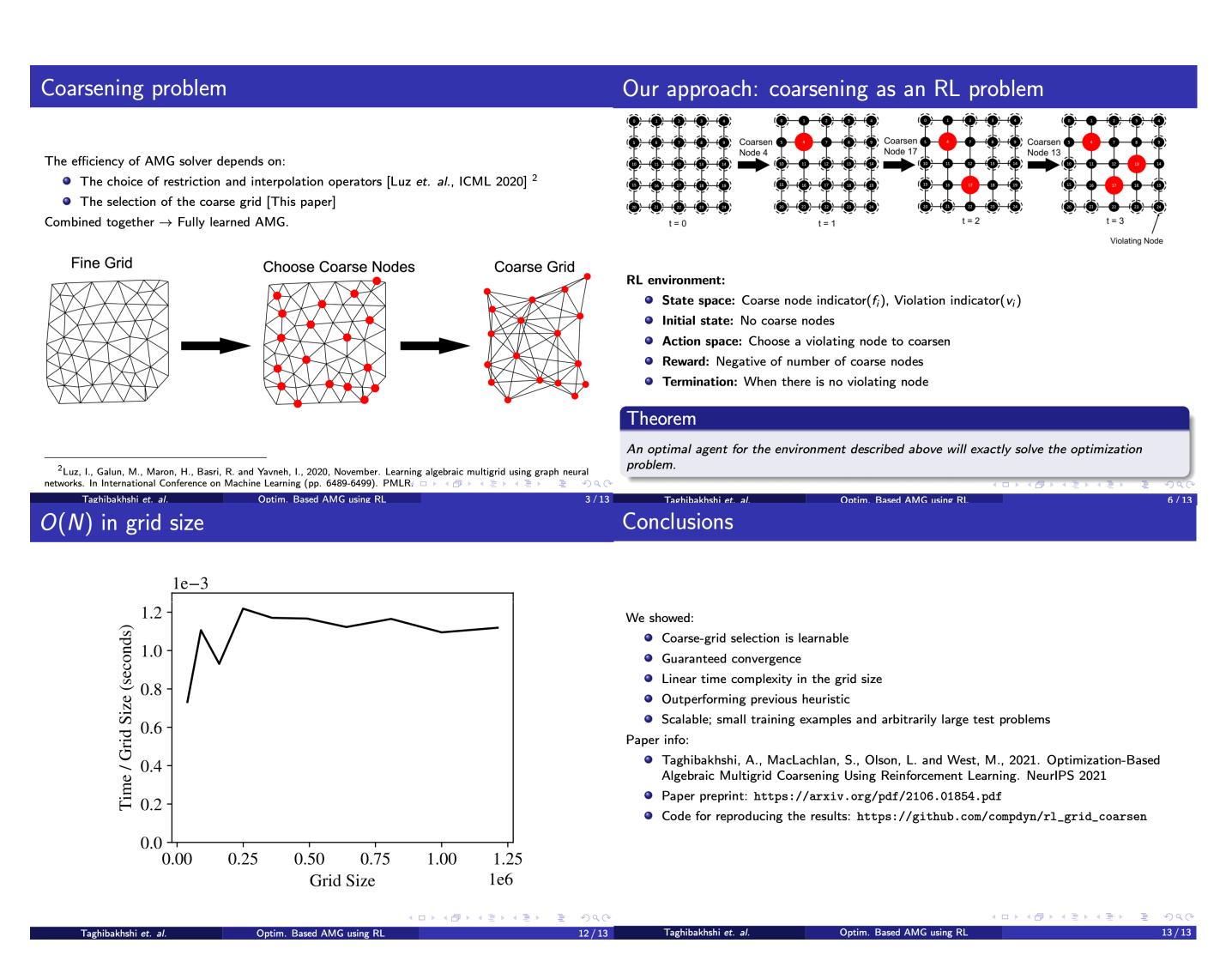
Elements of a Presentation

- Clearly state the goal of the talk
- Provide detail to understand the gist
- Summarize results
- Remind and given additional links

Pro tip: show your main result first, slide 1



Do's and Don'ts

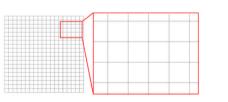
- In a talk, you should avoid using long sentences that the audience needs to read and instead use short, pithy statements that support your figures. Long sentences force the audience to read what you have on the screen instead of listening to your concise story. Slides with too much information also have this shortcoming, so avoid densely packed slides with algorithms, figures, mathematical expressions, and other details that muddle a short presentation.
- Avoid punctuation
- Outlines are bad
- Math is bad
- Use page numbers
- Cite papers on the slide (\cite{} is bad)
- \caption{} is bad
- Figures should be large, use thick lines, and use large fonts
- If the figure is not yours, cite it



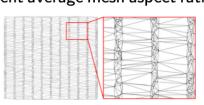
Test data

Test Set: Mesh families with very diverse and challenging attributes:

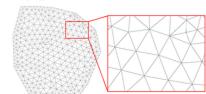
Structured: 18 structured grid with different sizes



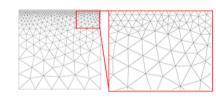
Aspect Ratio: 12 unstructured convex grid with different average mesh aspect ratio



Different Size: 42 unstructured convex grids with varying grid size

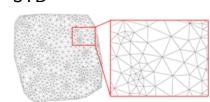


Graded Mesh: 12 unstructured grids with different convex shapes and graded

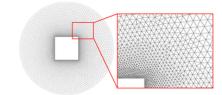


Structured

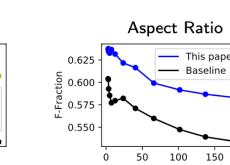
Wide Valance: 12 unstructured convex grids with different average node degree

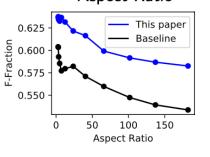


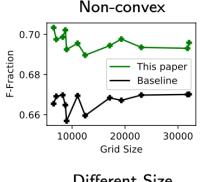
Non-convex: 12 unstructured

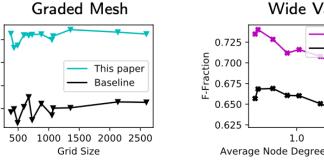


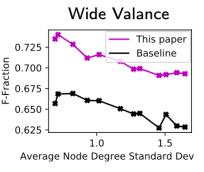
Quality of solution: higher F-Fraction is better

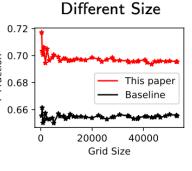












Golden Rule

<15 minutes

Stay on time



```
Date/Time
M 11/27: 11:00--11:15
M 11/27: 11:20--11:35
M 11/27: 11:40--11:55
M 11/27: 12:00--12:15
W 11/29: 11:00--11:15
W 11/29: 11:20--11:35
W 11/29: 11:40--11:55
W 11/29: 12:00--12:15
M 12/06: 11:00--11:15
M 12/06: 11:20--11:35
M 12/06: 11:40--11:55
M 12/06: 12:00--12:15
W 12/08: 11:00--11:15
W 12/08: 11:20--11:35
W 12/08: 11:20--11:35
```

Pro tip: at most one slide per minute

Pro tip: use your phone timer

Presentation Rubrics

- 60% of course grade
- prj00: description and feedback (5/60)
- prj01: title and references (5/60)
- prj02: goals and workflow (5/60)
- prj03: training and preliminary results (5/60)
- prj04: summary of model, loss, training (5/60)
- prj05: feedback exchange (5/60)
- prj06: slide structure with at least one start/middle/end slide (5/60) (0-6, due Wednesday 11/08)
- prj07: final slide deck (due Monday 11/27, 11am) (30/60)

Presentation clarity:

- Are you on time?
- Do you follow the Do's and Don'ts?
- Did you provide the audience with the right level of detail?

Presentation scope:

- Did you meet your quick goal?
- Did you start your middle goal?
- Did you acknowledge your stretch goal?
- Clear statement of the problem (mathematically)
- Precise definition of the NN architecture
- Definition of loss, training, and testing
- Citations
- Lessons learned: what worked and what did not
- Future work (if you were to keep working on this project)
- (Groups) Statement of contributions and both present