

# Wireless Network Security

## Spring 2016

Patrick Tague

Class #22 - Discuss Final Deliverables;  
Course wrap-up

# Class #22

- Planning for final project presentations
- Helpful info for final project reports, etc.

# Final Project Presentation

# Final Project Presentation

- Final presentations will be in class on April 26 + 28
- Each team will have MAX 25 minutes, including Q&A
- Presentation should be *self-contained*:
  - Problem motivation, problem statement, project goals, milestones, etc.
  - Detailed discussion of your approach, findings, results
  - Discussion of challenges faced, how overcome, etc.
  - Demo, screenshots, figures, etc.
  - Discussion of future work

# Presentation

- Q: When will my team present?
- A: I'll take volunteers for Tuesday, then randomly assign slots.

# Presentation

- Q: Does everyone on the team have to present?
- A: Yes, team members that don't present will get fewer points. Try to have a roughly even split of time across team members.

# Presentation

- Q: Can we do a demo?
- A: Absolutely! Live demos or recordings are both great. However, be warned about live demo gremlins, so test and test again.

# Presentation

- Q: Any style guidelines on the presentation?
- A: Not really.
- A: Pictures/figures are always better than text.
- A: ~10-12 slides should be sufficient for 25 minutes.

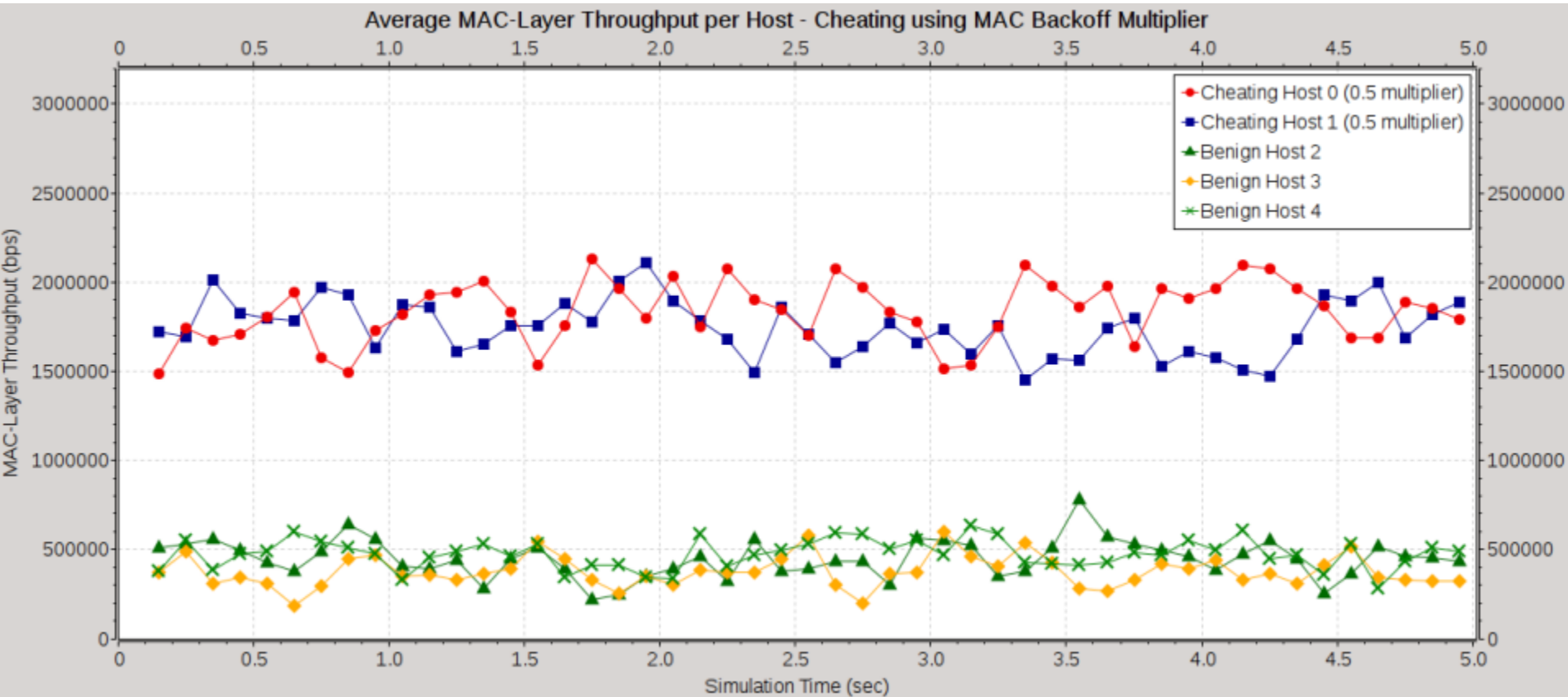


# Presentation

- Q: What kind of figures?
- A: One or more figures to illustrate the problem, possibly highlighting an example, possibly animated.
- A: One or more figures to illustrate the approach, again possibly animated.
- A: Results, presented in a meaningful way.

# Presentation

- Q: What do you mean by “meaningful”?



Questions about the presentation?

# Final Project Report

# Final Project Report

- Final project reports are due on May 5, one week after the last day of class
- Final report includes three things:
  - Conference-style paper
  - Conference-style poster
  - Short demo video (2-3 minutes)
- No extensions will be given

# Paper

- Q: What format should the paper be in?
- A: IEEE 2-column format (same as other assignments) - page limit is 10 + references.
  - If you submit in a different format, we'll ask you to reformat it. If you don't, we'll take off lots of points.
  - Don't feel obligated to fill 10 pages. We *really* don't mind if it's shorter, as long as it's complete.

# Paper

- Q: What should be included in the paper?
- A: Overall introduction to and description of the problem, motivation and expansion beyond related work, a hypothesis / goal, adversary model and assumptions, detailed description of the approach, technical details, any simulation or testing, results, conclusions, future work, challenges, figures, references, ...
- Should look more-or-less like a conference paper

# Poster

- Q: What content should go in the poster?
- A: I like posters with lots of pictures/figures, relatively little text, but enough to tell the story.
  - Maybe a public (QR-)link to the demo video?



# Poster

- Q: What format should be used for the poster?
- A: We posted a template to BB, but you can use whatever style you prefer and customize content as needed.
  - Please keep similar size/ratio.

# Poster

- Q: What are you going to do with the poster?
- A: Posters go on my office door. Also, I show them in future courses as example projects.

# Paper / Poster

- Q: Publication?
- A: If you're interested in submitting your work to a workshop, conference, etc., or releasing your work under an open-source license, please talk to me and/or your project mentor ASAP.

# Video

- Q: What should be in the demo video?
- A: Video should be sort of a brief “commercial” for your project and a hint at the goals and value of the work.
  - Video should be 2-3 minutes, focusing on the problem, not the results
  - I may show these in future classes

# Report Submission

- Q: What should we actually submit?
- A: Submit an archive (e.g., .zip, .rar, .tar.gz) containing:
  - .pdf copy of the written report
  - .pdf copy of the project poster
  - Demo video file (.mp4 or otherwise) or text file with link to private video (YouTube, Drive, Box, etc.)

# Mentor Deliverables

- Q: Does my project mentor want anything other than the paper, poster, or video?
- A: I don't know. Ask your mentor.

# Questions about the report?

Any last questions about  
final deliverables?



Just a few last words...

# Team Effort Reports

- As part of the final project report submission, I need the following from every individual:
  - Send me an email with a task and percent breakdown of how much contribution you feel each team member did
  - Example:
    - From: Steve
    - Mary and Tom wrote all the code, I did a lit survey and helped with design, Carol did the analysis, and we all wrote the report together
    - Mary = 25%, Tom = 20%, Steve = 25%, Carol = 30%

# Have any of Our Stuff?

- If you borrowed anything from us or if we bought anything for you, please make sure we get it back when the class is over
  - @Pgh, put everything in a box, put my name on it, give it to Emory at the INI front desk
  - @SV, put everything in a box, put my name on it, give it to Cindy in B19 1052 or to me

# Feedback

- I really appreciate feedback about the course:
  - What you liked, what you didn't like, what should be added/removed, etc.
  - We always appreciate constructive comments, and criticism is also welcome
  
- Please do a course evaluation :D

Questions?  
Comments?

**Apr 26 & 28:  
Final presentations**

**May 5:  
Final report due**

**Thank you!**