Michael Moore (Group 1)
Group 11 Presentation Review

Please use the following questions to critique each group:

Relevance to Course Material: Which chapter, section or topics in the course does the presented material refer to (50 word limit)?

They covered chapter 11, building on the ideas presented about networks, Voroni diagrams, the A* and Dijkstra's algorithms.

Novelty: What is the new information in the Encyclopedia articles with respect to the textbook material (50 word limit)?

They showed Voroni diagrams on networks, fastest path algorithms with non-constant edge travel times. The sweep path algorithm was also new.

Societal Motivation: What is the motivation behind the new information in the Encyclopedia articles? For example, list societal applications that may use these new concepts, use cases for these new ideas, etc. (50 word limit)

This material bridges CS theory and real-life situations, taking into account traffic and other variable obstacles in networks and routing. One of the use-cases presented is for more true-to-life traffic routing algorithms.

Computer Science Motivation: If applicable, what is the Computer Science (CS) benefit of the proposed approaches (e.g. new algorithms, data structures or other CS concepts, scalability, increase in productivity for software engineers, etc) (50 word limit)

These subjects are interesting to CS because they require new algorithms which may be more challenging or interesting than the simplified original algorithms like A* or Dijkstra's. It's one more cycle in the feedback loop between problem modeling, algorithm theories and real-world application.

Overall Presentation: Provide feedback on the overall presentation. How well were the ideas conveyed? Did you understand most of the talk (or 75%, 50%, 25%, 5%, 0%)? Were the ideas illustrated well (including the usage of both positive and negative examples)? Also comment on audience engagement. Did the speaker ask the audience questions, etc. (100 word limit)

100%. The presentation was good and clear. The sweep path algo could have used more explicit examples, but was still informative enough to imagine some of my own.

Presentation Critique: Did the speaker inspire you to want to learn more about the material covered? If you had to rate the presentation with either a check, check- or check+, how would you rate it? Explain.(50 word limit)

I tend to be more interested in practical applications than theoretical, and their presentation made chapter 5 (and the articles) more interesting than they were initially (check+).