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

section 3.4 and section 5.7
spatial databases and spatial networks
conceptual, logical, and physical spatial networks
also tied in with algorithm section

Novelty: What is the new information in the Encyclopedia articles with respect to the textbook material (50 word limit)?
Clearly the novel part of this presentation was networks that change over time.

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)
The clear societal motivation was best route planning over road networks to account for traffic and road/ lane closure. Because this is one of the most important parts of gis at the current moment this topic alone is a very important societal concern.

These are the other main areas they discussed
start times shortest paths
minimizing travel times, emergency traffic planning
air travel networks

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 were the notes that I took during the presentation:
Three different ways to store/present/thing about:
snapshot based graph collection
or time expanded graph show all nodes at all times - redundant
time aggregated graph - each edge has a time series of wieght

Advantages of best start time shortest path advantages:
best start time shortest path and all start time shortest paths
create critical time points - where the shortest paths change - and that is the only times that you need to recalculate

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)
I thought that the presentation was good, and that the visuals of the graphs were nice. I understood everything that they were talking about, but I feel like details were left out at some points that would have enhanced my understanding. Overall I felt like it was a little rushed and they could have used less text and explained ideas more thoroughly. Overall they spoke clearly, in terms that were understandable (not too simple or complex).

**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)
check - I feel like this group laid the groundwork for spatio temporal networks quite well. I would like to learn more about how this solution is implemented (just because of the complexity of the problem. With a problem that is clearly very simple I feel like the proof is in the pudding (speed). Implementing time into gis is easy to do (you can just add tables, or columns, or rows to the database), but it is really hard to make work in a coherent way.