# Agenda for CSCE 531 class meeting of 2020-03-26 (Online)

1. **Remember to record the session!**
2. Welcome students to Blackboard Collaborate Ultra
3. Ask students to check audio and video connection.  They can introduce themselves as they speak.  Use printed class rolls in midterm folder.
4. Check email to see whether students are emailing reports of trouble.
5. Ask student to use chat for questions and mute audio and video on their side, to limit clutter and bandwidth.
6. Discuss updated syllabus.  Share course website on Collaborate and go over the changes.  Emphasize the key change for graduate students, including the 5-10 page range for reports.
7. Note that agendas for each class meeting are linked to the corresponding class log entry on the course website.  Direct link: https://cse.sc.edu/~mgv/csce531sp20/log/index.html.
8. Go over slides for Ch.4 [R] (4-slides-ipl-book.pdf in the Ranta folder).  Note that (slide 50) the Haskell symbol table is a stack of symbol tables.  Each symbol table is implemented using the Map type (https://hackage.haskell.org/package/containers-0.4.0.0/docs/Data-Map.html). Note that another name for the ADT Symbol Table is Dictionary.
9. Assign HW5: Exercises 4.0, 4.1, 4.2, 4.3, 4.4 [R].
10. Work out an example of proof tree building for an expression from the empty context.
11. The visitor pattern for the Java implementation of the type checker.  This is a pattern used for tree traversal.  Use: Ranta's slides for Ch.4 (slides 57-61) and slides for Ch.5 [W] (531Ch5.pptx; to be converted to pdf), slides 72-82 or, with context, 64-104.
12. Make sure that the students are fine and wait for questions before ending the session.