1st mandatory activity: March 31st
Group presentation & Seminar (1/3)

- Reference article: Formal design and analysis of a gear controller. M. Lindahl, P. Pettersson, W. Yi.

- Each presentation has two sessions per group:
  - 1st session – max. 20 minute presentation;
  - 2nd session - 10 minute feedback and discussion with paired group.

- The review group must provide feedback on the paired group's presentation during the 2nd session.

- Group pairing:
  - G1 <-> G5
  - G2 <-> G4
  - G3 <-> G6

Running order of presentations (2/3)

- 8:30am – 9:00am: G2 (feedback by paired group G4);
- 9:00 – 9:30: G6 (feedback by G3);
- 5 mins break;
- 9:35 – 10:05: G1 (feedback by G5);
- 10:05 – 10:35: G3 (feedback by G6);
- 5 mins break;
- 10:40 – 11:10: G5 (feedback by G1);
- 11:10 – 11:40: G4 (feedback by G2)

Guidelines for seminar presentation: Take careful note of all check-points! (3/3)

- CP1. Model the Gear Controller System in UPPAAL: Should build gear controller automaton, gear box automaton, clutch automaton, engine automaton, interface automaton and those automata (network automata) must communicate through the shared channels. For further details, refer to the appendix of reference article(s).

- CP2. Specify the given requirements (properties) in UPPAAL Logics.

- CP3. The system model must be ready to run on your presentation day.

- CP4. During your presentation, you must show the demo: simulate the system model (simulation) and verify properties of the model (property verification).