

## Final Project

I have selected a group of papers for you to read. Please pick the paper number with your last UIN number and another paper from all the others that you find interesting.

- a) Create a 5-minute ppt presentation summarizing each paper. Make emphasis on the DAC, ADC, ML and AI contributions in the paper.
- b) Create a Python micromodel of the paper ideas with some basic simulation results.
- c) Create a report with simulation results and explanations.
- d) Write a 1-page paper with brainstorming ideas of how ML and AI can revolutionize a particular application that you like. Explain in general how mixed-signal interfaces can work together with ML and AI in that context.

## Schedule

April 22 – In-class presentations

April 24 – Report with simulations and Python micromodel code

April 29 – Final report and ppt presentation due – in-class presentation with emphasis in part d