

CSE 990-001: Cyber-Physical Systems HW #3

Assigned: 2015-09-01

Due: in-class (see schedule at bottom)

Homework Overview

This is your opportunity to put into practice some of the many definitions and concepts we've talked about. In this homework you will select a CPS paper of your choice and present it in class. Objectives:

- Gain experience reading CPS papers and more generally the academic literature in this area
- Gain experience researching, assimilating, and presenting material

I would like you to treat this as if you were at a conference presenting the paper. Obviously since it is not your work you will not need to defend it, but you should be prepared to answer questions, offer criticism, as well as positive feedback.

Grading

10 points. Please put forth a solid effort to read, understand, and present the material.

HW #3

1. Select a CPS paper that interests you and read it.
 - (a) Here are a few possible places to look:
 - i. International Conference on Cyber-Physical Systems (ICCPS)
 - ii. Proceedings of the IEEE special issue on CPS January 2012
 - iii. Plug "cyber-physical systems" into a google scholar search and you'll get lots of papers
2. Prepare a 25 minute presentation
 - (a) You may use Powerpoint, Prezi, Keynote, the chalkboard, or whatever works for you.
 - (b) You will have 20 minutes to present the material, and 5 minutes for discussion and/or answering questions.

Schedule

Three presentations per class period.

- Tuesday September 29: John-Paul, Ellie, Jim
- Thursday October 15: Matías, Najeeb, Kazi,
- Thursday November 5: Tao, Fujuan, Baofeng