

UNIVERSITY OF CALIFORNIA
College of Engineering
Department of Electrical Engineering and Computer Sciences

EECS 249
Fall 2012

A. Sangiovanni-Vincentelli
P. Nuzzo

Homework 0: Introductions
Due Tuesday, September 4, 12pm

The goal of this assignment is to help us get familiar with your background and research interests. This homework is clearly not graded, however it is essential to better tune the class projects. Please provide your full name, e-mail address and student ID (when applicable) together with your answers. You can send your answers by email to nuzzo@eecs.berkeley.edu.

1. Help us get to know you better by telling us your background, your current field of study/research and why you are (considering) taking this class.
2. List anything you would like to see covered in this course in particular.
3. How familiar are you with programming in the following languages/environments?
 - a. C/C++
 - b. Java
 - c. Matlab scripting language – Simulink/Stateflow
 - d. Python
 - e. SystemC/SystemC-AMS
 - f. VHDL/Verilog
 - g. Other (please specify)

(use: 0- little/no familiarity, 1-some familiarity, 2-good familiarity)

4. How would you define an embedded system before you started attending the class? Are there any changes to your definition after the first week of lectures?
5. Pick an embedded or cyber-physical system you are interested in and describe its application. In addition:
 - a. List the different components in the system.
 - b. (If applicable) What methodology did you use to design it? Would you do something different at this point?